

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015806.D
 Acq On : 08 Jul 2020 13:39
 Operator : SY/VA
 Sample : VW0708SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Quant Time: Jul 09 04:38:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	207013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	324312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	293385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151639	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102763	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	7.88	113	92598	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	10.32	98	358076	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.62	95	136847	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	28512	26.152	ug/l	93
3) Chloromethane	2.21	50	32441	21.910	ug/l	99
4) Vinyl Chloride	2.37	62	52959	23.166	ug/l	99
5) Bromomethane	2.78	94	37925	21.681	ug/l	98
6) Chloroethane	2.93	64	34228	22.185	ug/l	98
7) Trichlorofluoromethane	3.26	101	37334	22.723	ug/l	99
8) Diethyl Ether	3.68	74	21265	20.773	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43863	22.807	ug/l	99
10) Methyl Iodide	4.26	142	58633	21.804	ug/l	99
11) Tert butyl alcohol	5.17	59	16540	146.155	ug/l	95
12) 1,1-Dichloroethene	4.03	96	42244	22.340	ug/l	100
13) Acrolein	3.89	56	15282	103.341	ug/l	99
14) Allyl chloride	4.67	41	66159	21.526	ug/l	100
15) Acrylonitrile	5.37	53	42827	107.001	ug/l	99
16) Acetone	4.12	43	50172	125.787	ug/l	98
17) Carbon Disulfide	4.38	76	122408	21.761	ug/l	99
18) Methyl Acetate	4.67	43	18852	20.769	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	60090	21.232	ug/l	97
20) Methylene Chloride	4.92	84	58780	26.551	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	46726	21.334	ug/l	94
22) Diisopropyl ether	6.31	45	131281	21.197	ug/l	94
23) Vinyl Acetate	6.26	43	383841	104.197	ug/l	100
24) 1,1-Dichloroethane	6.21	63	82693	21.088	ug/l	99
25) 2-Butanone	7.17	43	60365	111.495	ug/l	97
26) 2,2-Dichloropropane	7.16	77	55007	22.360	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	49588	21.086	ug/l	97
28) Bromochloromethane	7.51	49	33414	21.495	ug/l	100
29) Tetrahydrofuran	7.53	42	35291	107.415	ug/l	99
30) Chloroform	7.68	83	84345	21.042	ug/l	100
31) Cyclohexane	7.96	56	79720	21.601	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	72585	21.595	ug/l	100
36) 1,1-Dichloropropene	8.09	75	69553	21.756	ug/l	100
37) Ethyl Acetate	7.26	43	25914	20.861	ug/l	99
38) Carbon Tetrachloride	8.07	117	65663	21.226	ug/l	98

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 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VW0708SBS01

Quant Time: Jul 09 04:38:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83573	22.154	ug/l	99
40) Benzene	8.32	78	188489	21.524	ug/l	98
41) Methacrylonitrile	7.48	41	15406	21.845	ug/l	97
42) 1,2-Dichloroethane	8.40	62	57528	21.107	ug/l	99
43) Isopropyl Acetate	8.43	43	50023	20.630	ug/l	99
44) Trichloroethene	9.09	130	48859	21.093	ug/l	93
45) 1,2-Dichloropropane	9.37	63	45159	20.979	ug/l	100
46) Dibromomethane	9.46	93	23197	20.932	ug/l	98
47) Bromodichloromethane	9.65	83	60321	21.044	ug/l	94
48) Methyl methacrylate	9.44	41	23365	21.026	ug/l	99
49) 1,4-Dioxane	9.45	88	6738	491.790	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	125084	105.716	ug/l	99
52) Toluene	10.39	92	121403	21.543	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	56752	20.635	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	68653	20.868	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32224	20.970	ug/l	98
56) Ethyl methacrylate	10.65	69	38765	20.519	ug/l	98
57) 1,3-Dichloropropane	10.93	76	57401	21.101	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	91612	99.243	ug/l	100
59) 2-Hexanone	10.97	43	87241	110.485	ug/l	100
60) Dibromochloromethane	11.13	129	36919	20.803	ug/l	99
61) 1,2-Dibromoethane	11.24	107	30202	20.541	ug/l	100
64) Tetrachloroethene	10.87	164	40662	21.901	ug/l	95
65) Chlorobenzene	11.66	112	124440	21.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	43328	21.340	ug/l	97
67) Ethyl Benzene	11.73	91	235109	22.128	ug/l	95
68) m/p-Xylenes	11.84	106	178980	44.843	ug/l	100
69) o-Xylene	12.17	106	81066	22.251	ug/l	99
70) Styrene	12.18	104	137824	21.986	ug/l	99
71) Bromoform	12.35	173	19346	20.875	ug/l #	96
73) Isopropylbenzene	12.47	105	229289	21.463	ug/l	100
74) N-amyl acetate	12.27	43	47848	20.935	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	36659	20.652	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	47293	35.486	ug/l	33
77) Bromobenzene	12.75	156	50416	21.047	ug/l	98
78) n-propylbenzene	12.80	91	282490	21.786	ug/l	100
79) 2-Chlorotoluene	12.90	91	159307	21.544	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	200330	22.002	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	10446	20.170	ug/l	97
82) 4-Chlorotoluene	12.99	91	169301	21.925	ug/l	99
83) tert-Butylbenzene	13.21	119	166636	22.045	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	200687	22.071	ug/l	99
85) sec-Butylbenzene	13.38	105	244639	22.410	ug/l	99
86) p-Isopropyltoluene	13.50	119	221710	22.241	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	103353	21.524	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	102344	21.772	ug/l	98
89) n-Butylbenzene	13.83	91	217517	22.801	ug/l	99
90) Hexachloroethane	14.10	117	38124	21.100	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	89980	21.630	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5739	20.235	ug/l	98

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Instrument :
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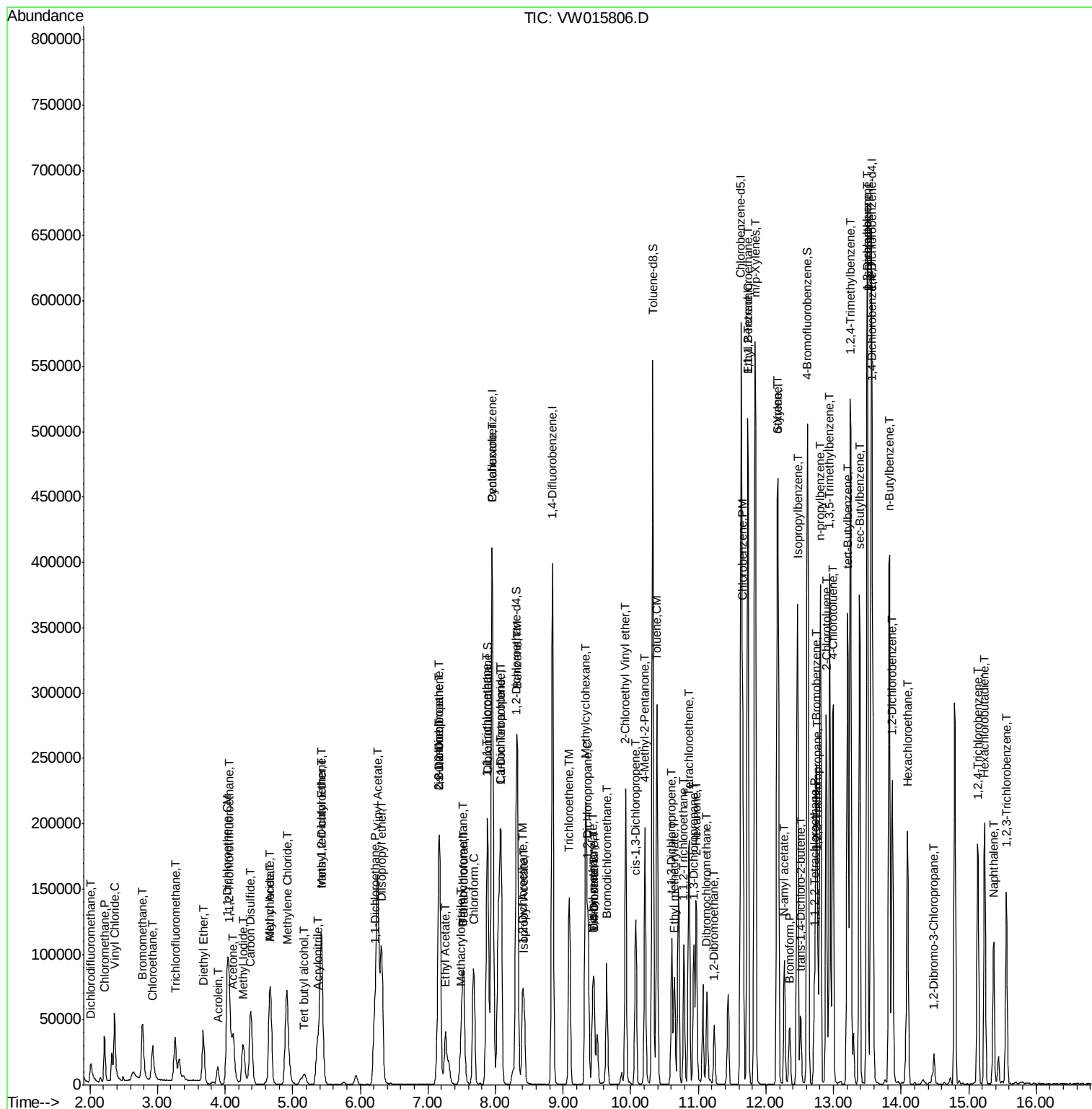
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	56818	21.664	ug/l	97
94) Hexachlorobutadiene	15.24	225	35013	21.027	ug/l	96
95) Naphthalene	15.37	128	92801	20.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	48661	21.805	ug/l	99

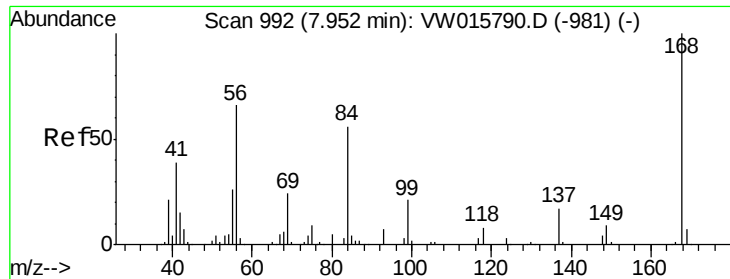
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Data File : VW015806.D
Acq On : 08 Jul 2020 13:39
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Sample : VW0708SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Quant Title : SW846 8260
QLast Update : Wed Jul 08 08:28:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

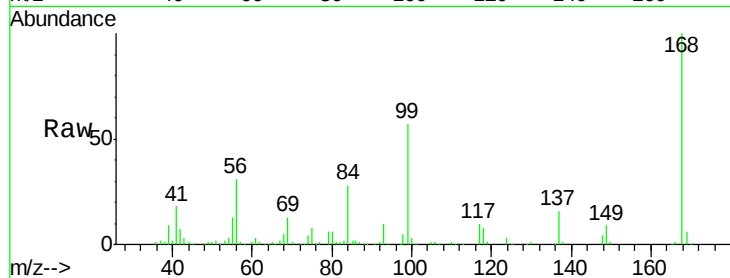
VW0708SBS01

Tot Ion:168 Resp: 207013

Ion Ratio Lower Upper

168 100

99 57.3 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

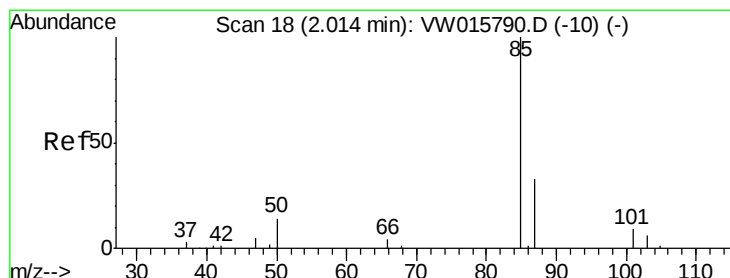
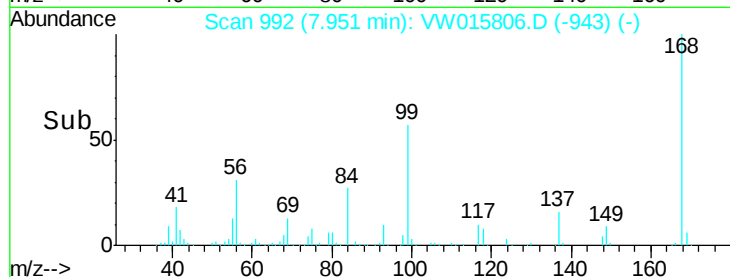
40000

20000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 26.152 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015806.D

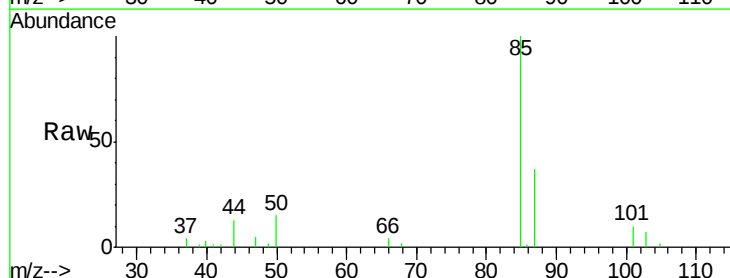
Acq: 08 Jul 2020 13:39

Tgt Ion: 85 Resp: 28512

Ion Ratio Lower Upper

85 100

87 36.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

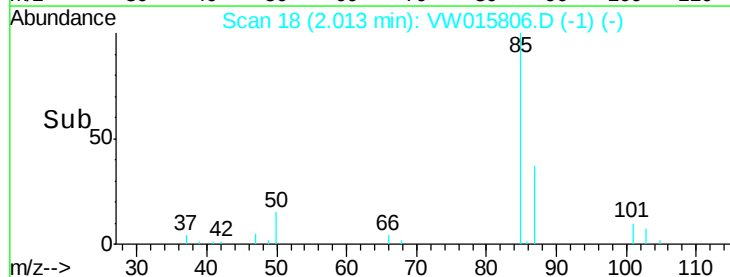
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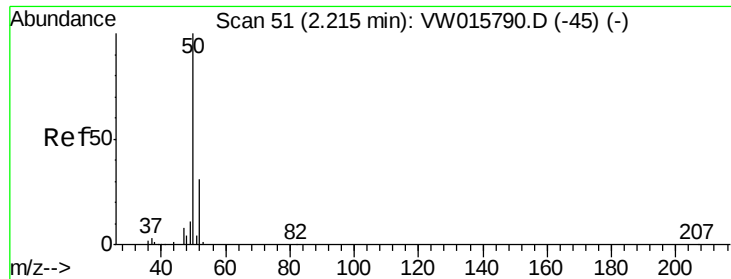
2000

0

Time-->

1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 21.910 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

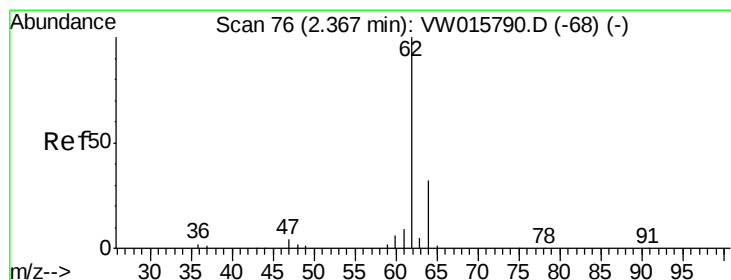
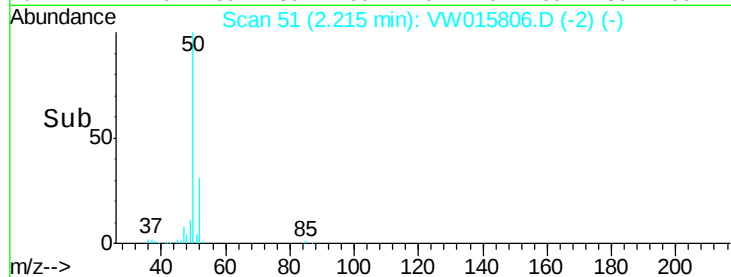
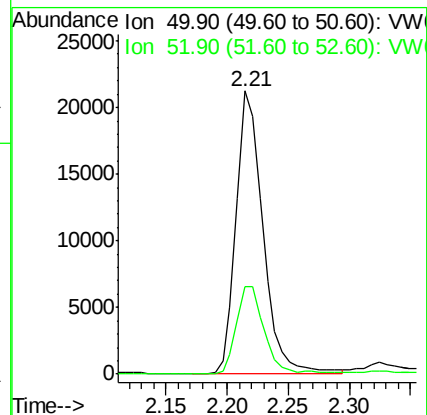
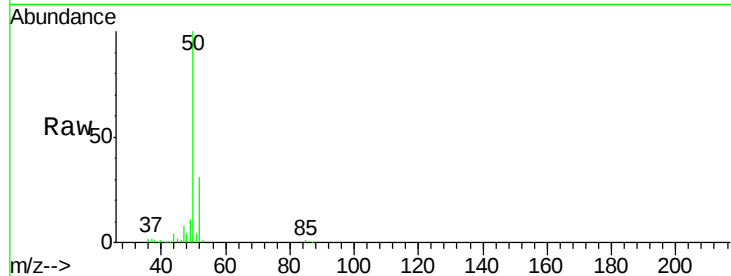
VW0708SBS01

Tot Ion: 50 Resp: 32441

Ion Ratio Lower Upper

50 100

52 31.1 25.2 37.8



#4

Vinyl Chloride

Concen: 23.166 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015806.D

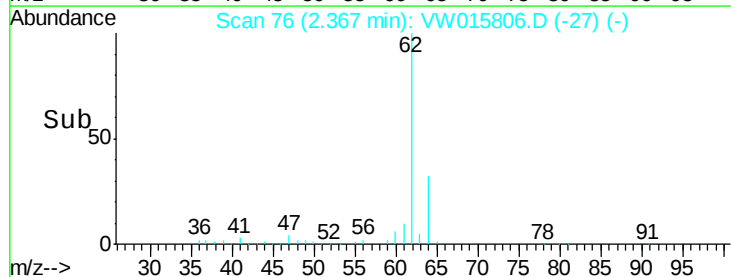
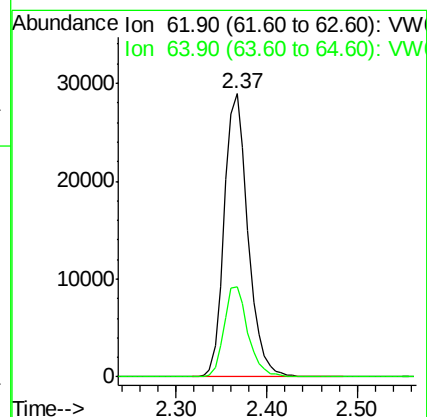
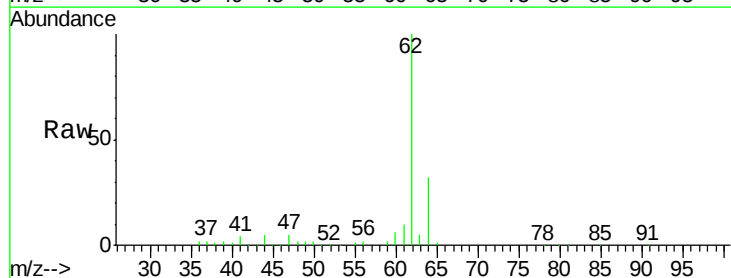
Acq: 08 Jul 2020 13:39

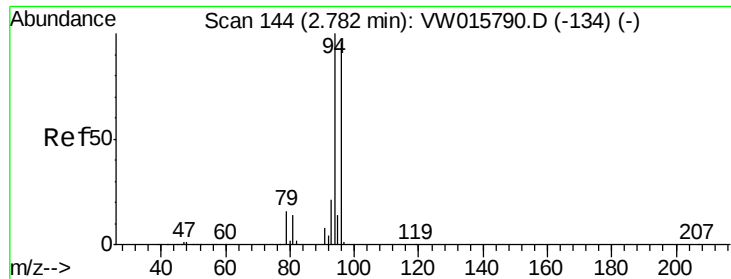
Tgt Ion: 62 Resp: 52959

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.8





#5

Bromomethane

Concen: 21.681 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

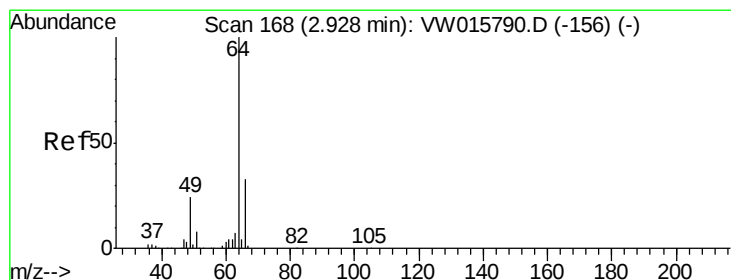
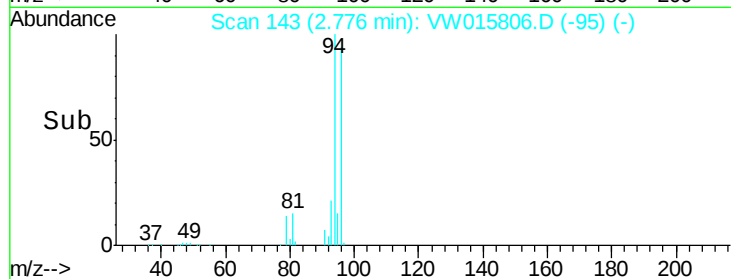
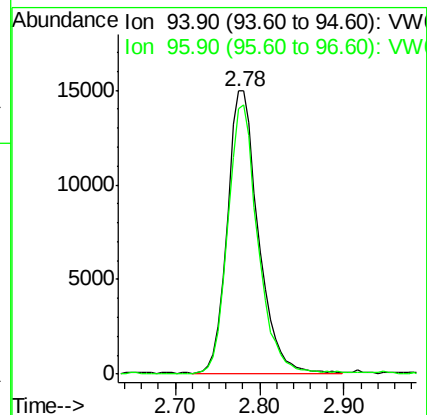
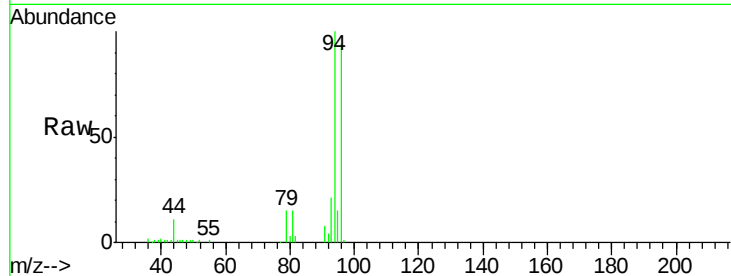
VW0708SBS01

Tot Ion: 94 Resp: 37925

Ion Ratio Lower Upper

94 100

96 93.9 76.7 115.1



#6

Chloroethane

Concen: 22.185 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW015806.D

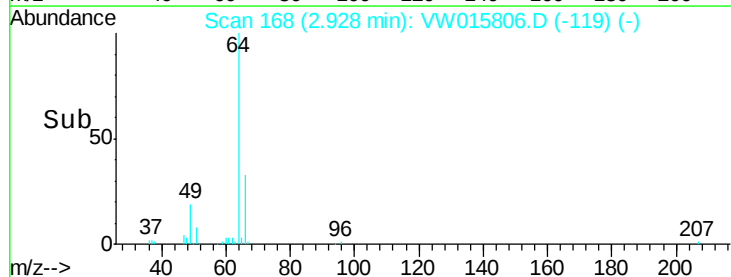
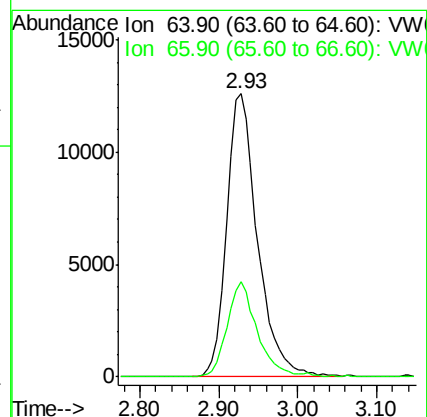
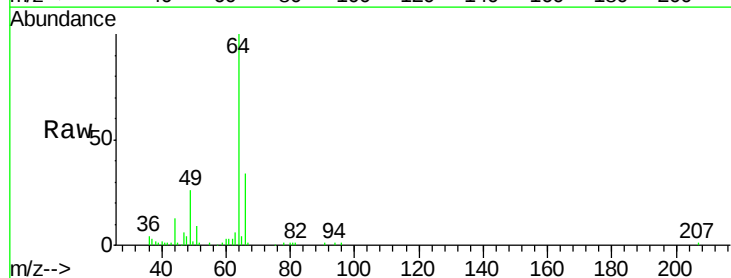
Acq: 08 Jul 2020 13:39

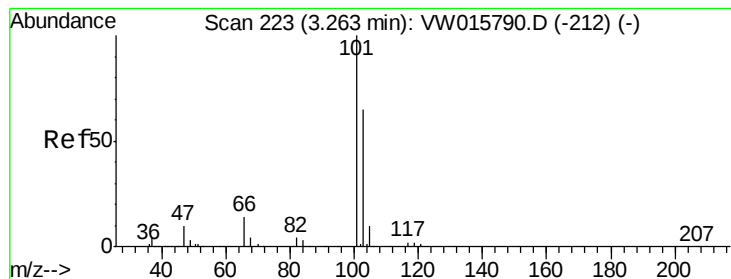
Tgt Ion: 64 Resp: 34228

Ion Ratio Lower Upper

64 100

66 33.6 26.0 39.0



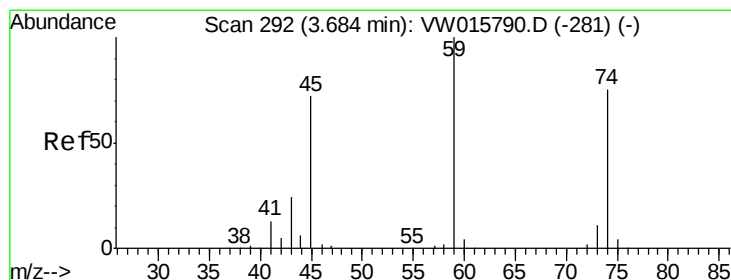
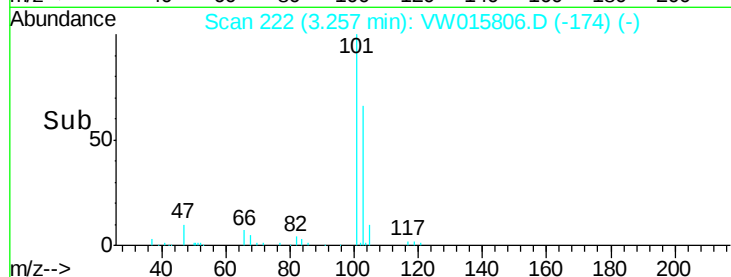
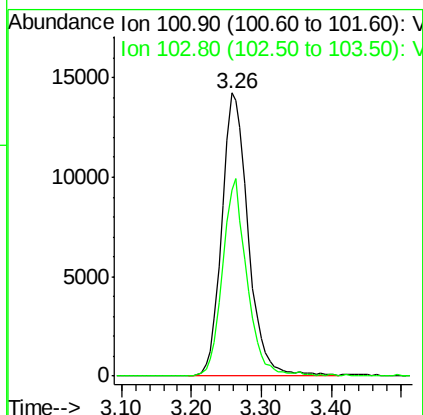
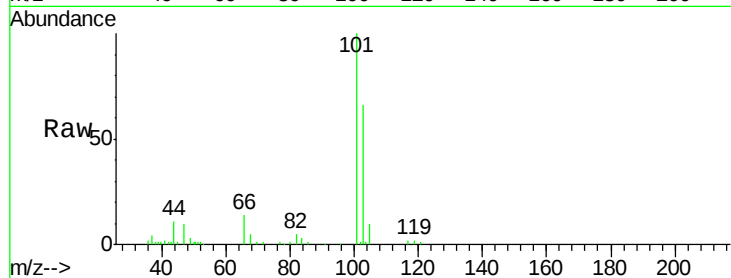


#7

Trichlorofluoromethane
 Concen: 22.723 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBSD01

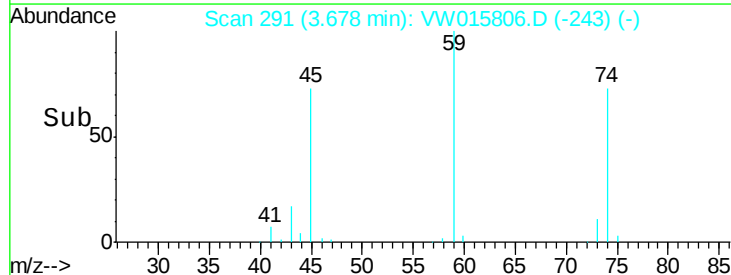
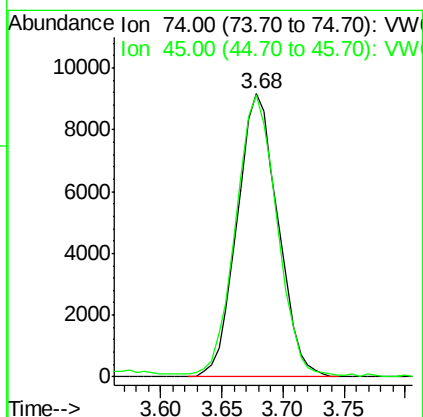
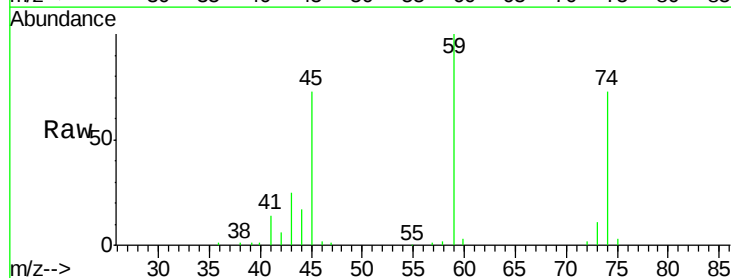
Tot Ion:101 Resp: 37334
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.2 78.4

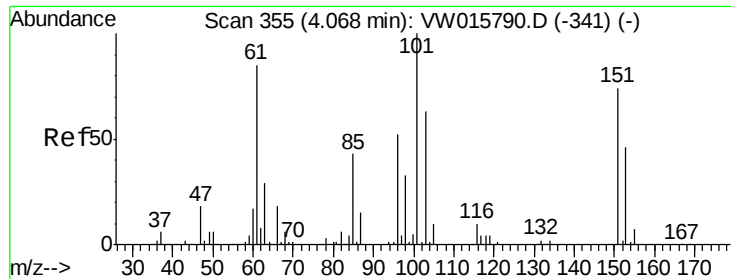


#8

Diethyl Ether
 Concen: 20.773 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion: 74 Resp: 21265
 Ion Ratio Lower Upper
 74 100
 45 101.7 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.807 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

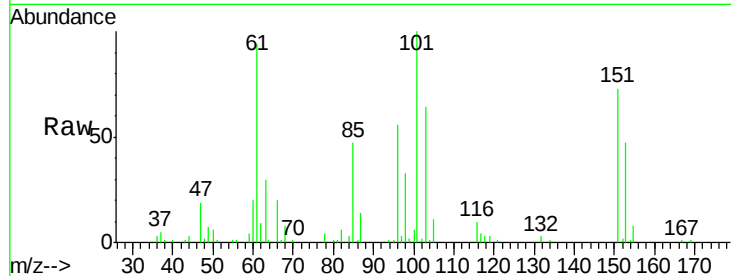
Tot Ion:101 Resp: 43863

Ion Ratio Lower Upper

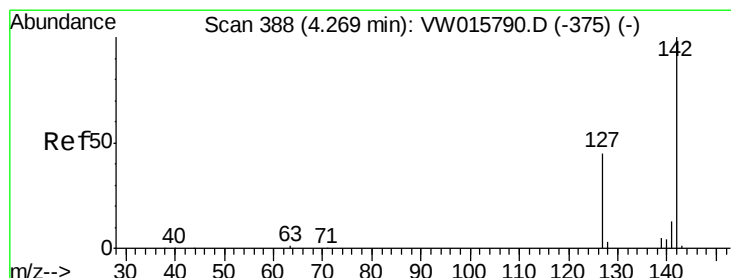
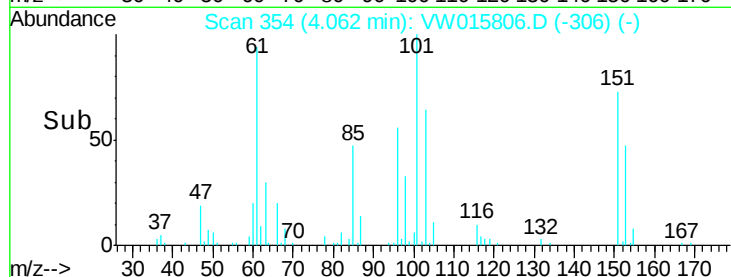
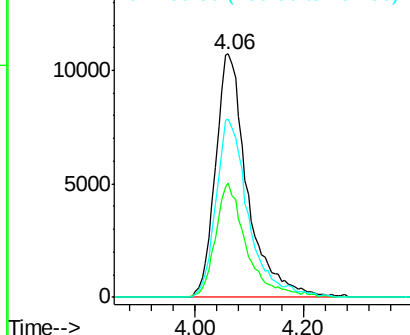
101 100

85 44.8 36.1 54.1

151 74.2 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.804 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

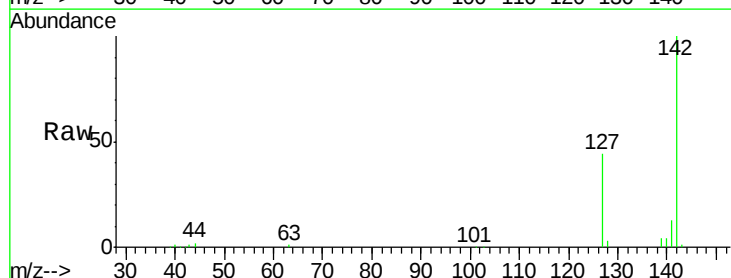
Tgt Ion:142 Resp: 58633

Ion Ratio Lower Upper

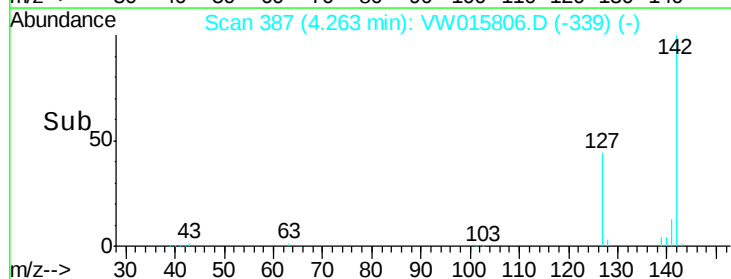
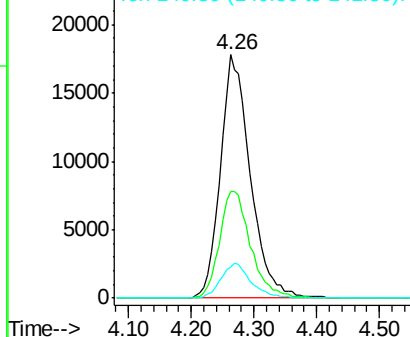
142 100

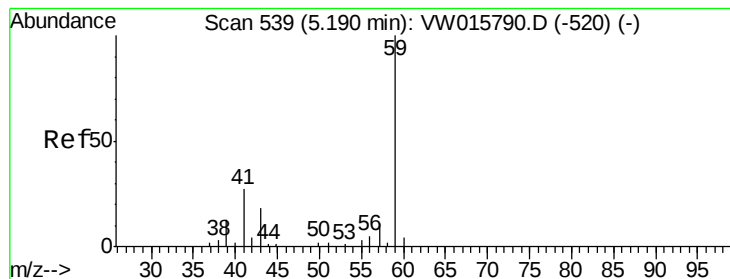
127 45.9 36.1 54.1

141 14.4 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 146.155 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.02 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

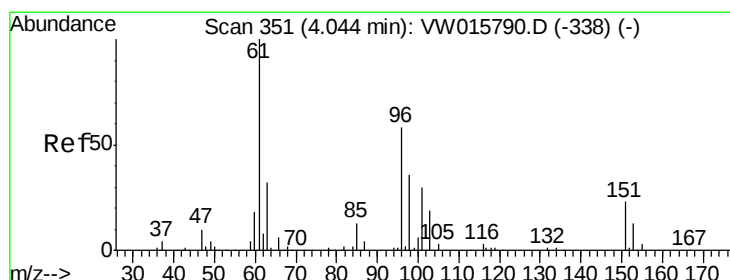
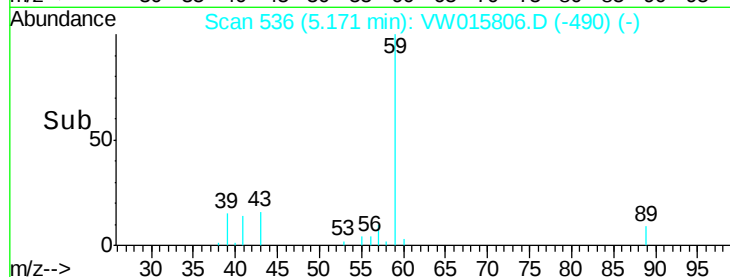
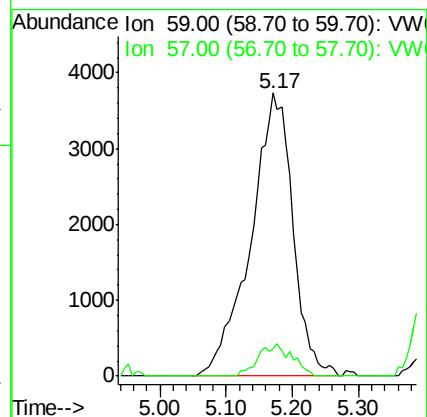
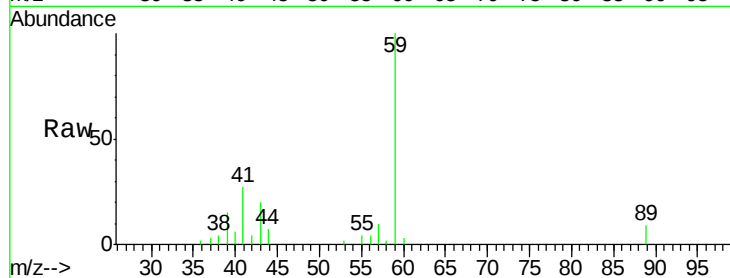
VW0708SBS01

Tot Ion: 59 Resp: 16540

Ion Ratio Lower Upper

59 100

57 9.1 8.7 13.1



#12

1,1-Dichloroethene

Concen: 22.340 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

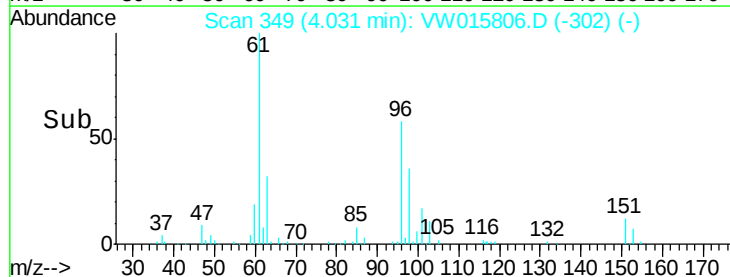
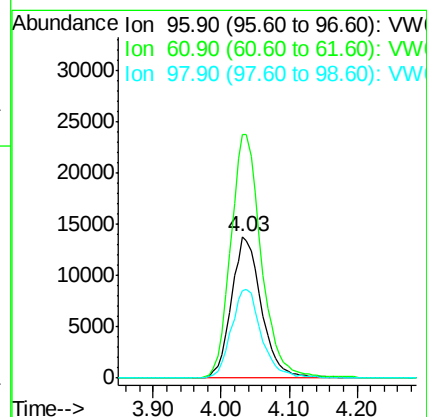
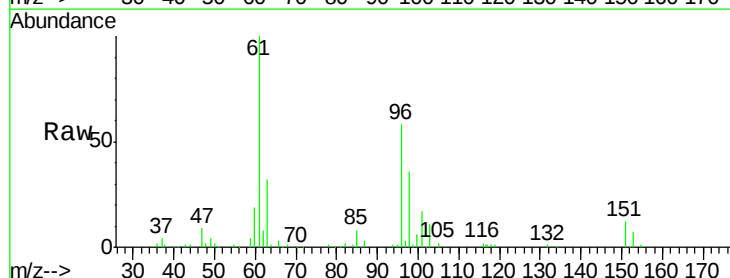
Tgt Ion: 96 Resp: 42244

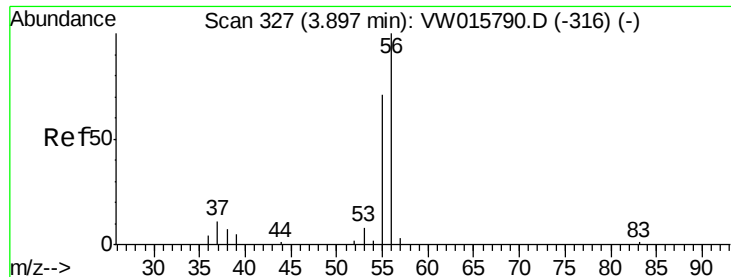
Ion Ratio Lower Upper

96 100

61 171.7 137.0 205.4

98 62.0 49.3 73.9





#13

Acrolein

Concen: 103.341 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

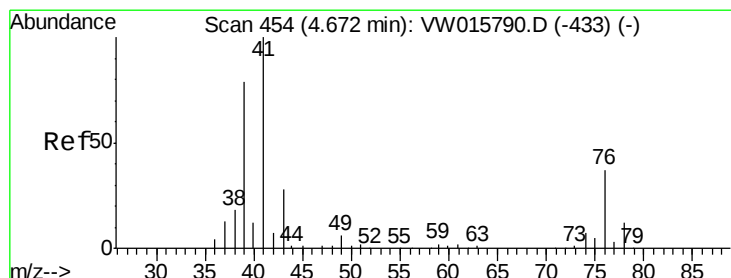
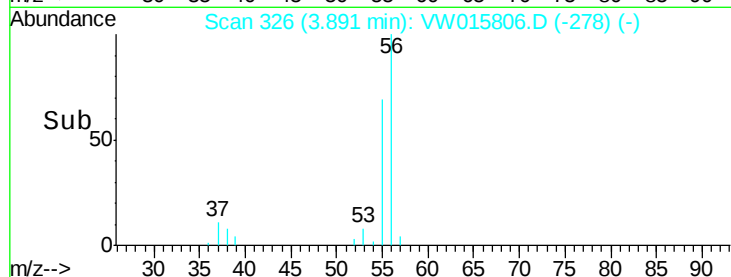
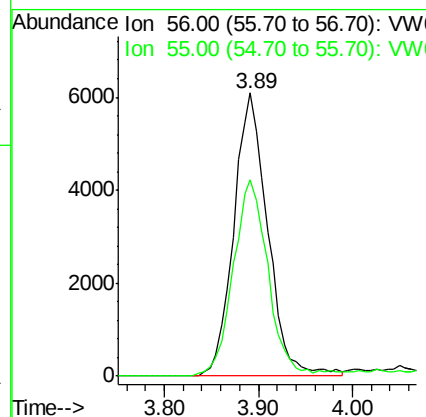
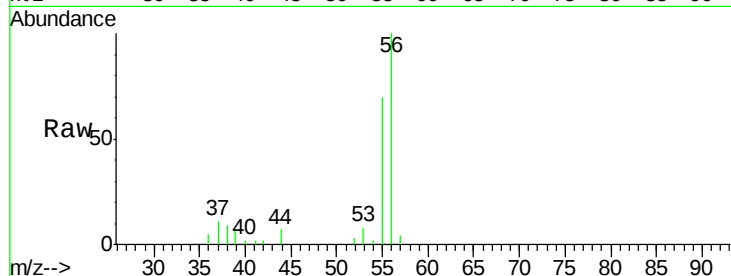
VW0708SBSD01

Tot Ion: 56 Resp: 15282

Ion Ratio Lower Upper

56 100

55 70.6 55.8 83.6



#14

Allyl chloride

Concen: 21.526 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

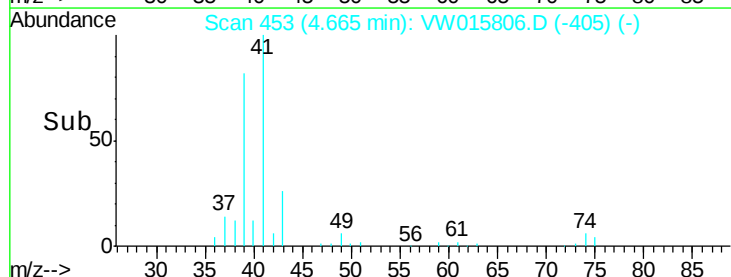
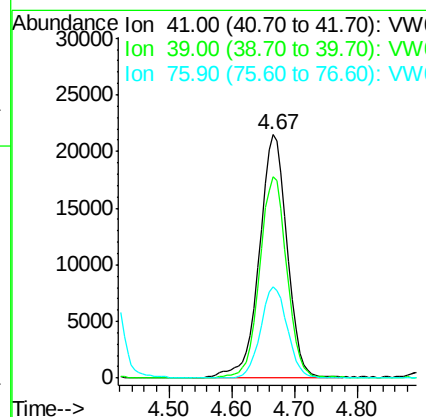
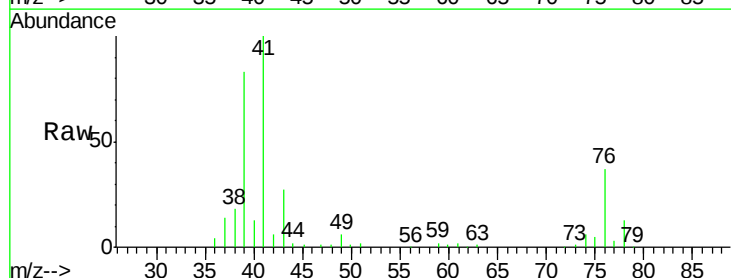
Tgt Ion: 41 Resp: 66159

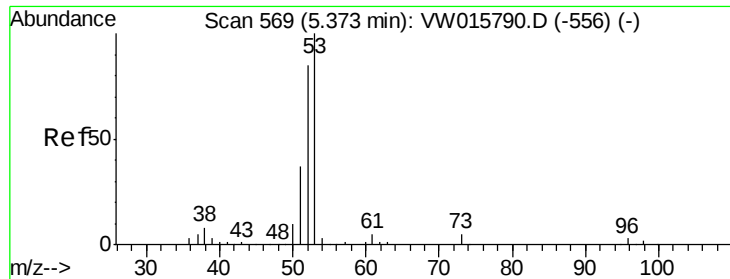
Ion Ratio Lower Upper

41 100

39 80.2 64.0 96.0

76 35.8 28.9 43.3





#15

Acrylonitrile

Concen: 107.001 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

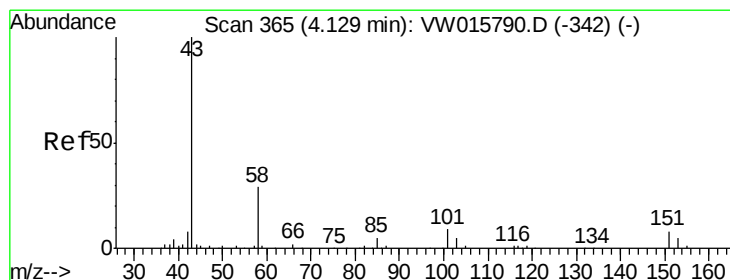
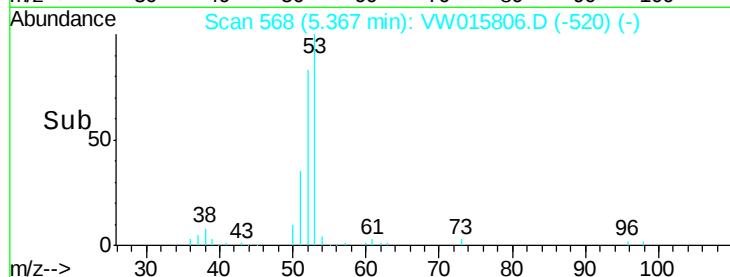
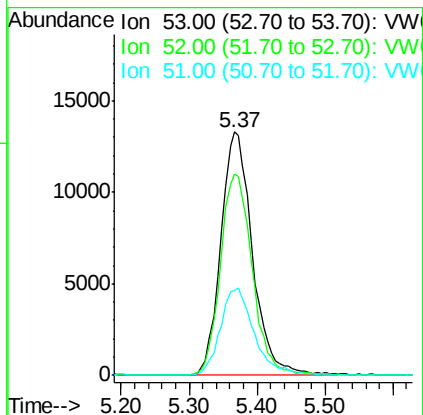
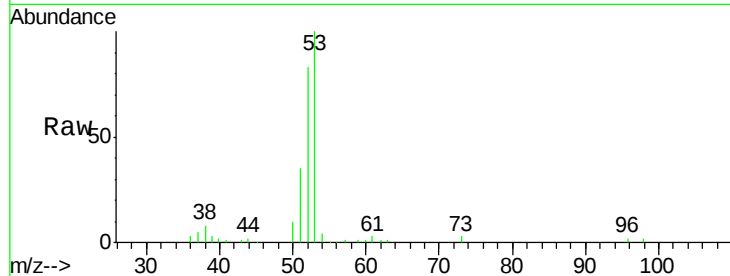
Tot Ion: 53 Resp: 42827

Ion Ratio Lower Upper

53 100

52 83.5 65.8 98.8

51 38.4 30.2 45.2



#16

Acetone

Concen: 125.787 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015806.D

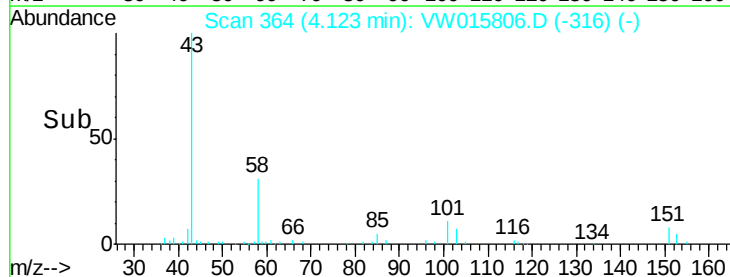
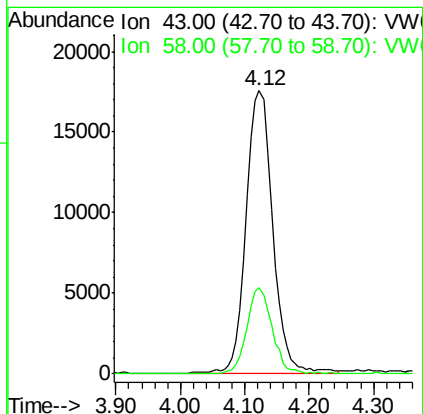
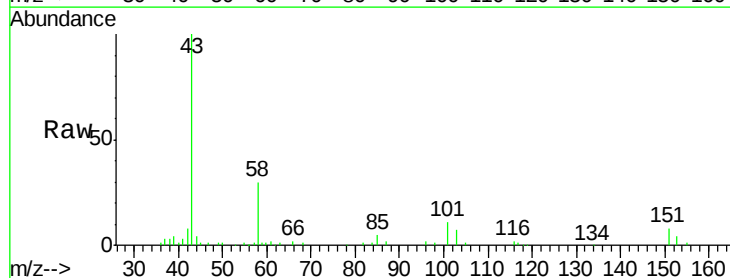
Acq: 08 Jul 2020 13:39

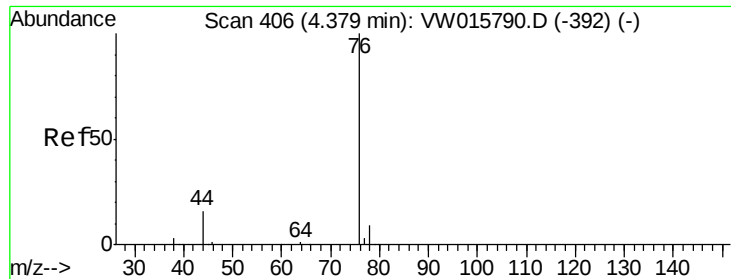
Tgt Ion: 43 Resp: 50172

Ion Ratio Lower Upper

43 100

58 30.3 23.5 35.3

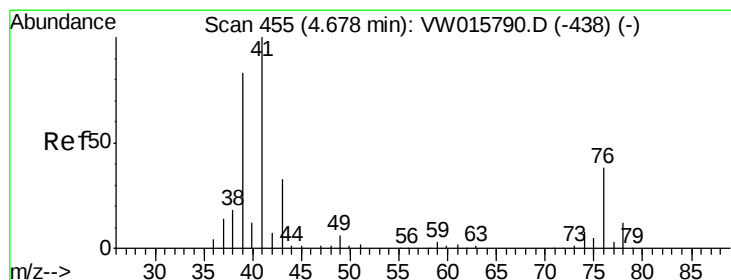
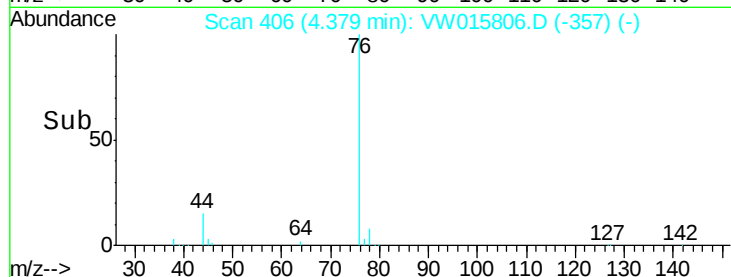
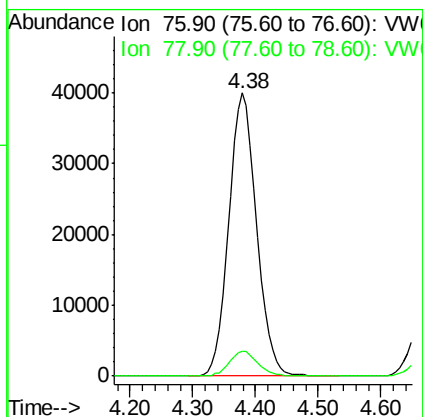
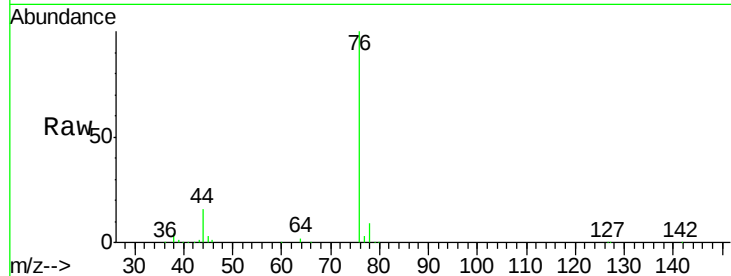




#17
Carbon Disulfide
Concen: 21.761 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

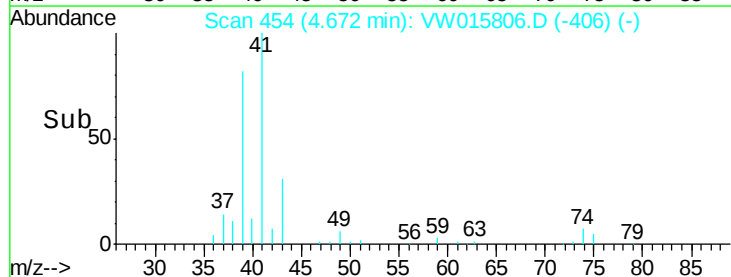
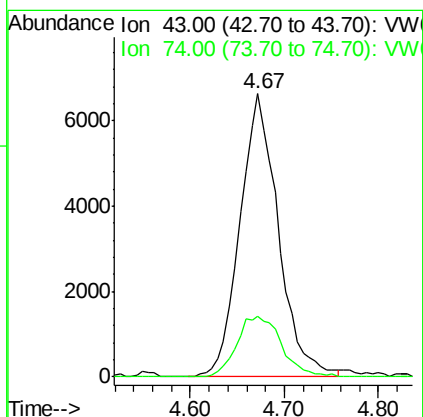
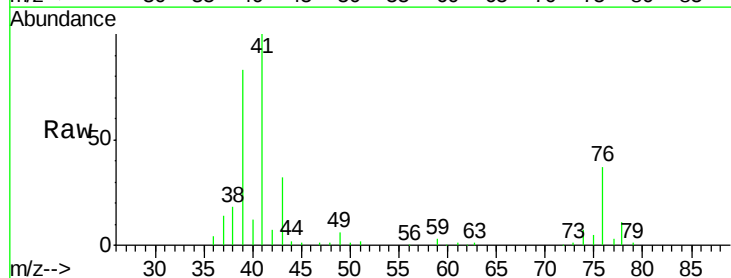
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBSD01

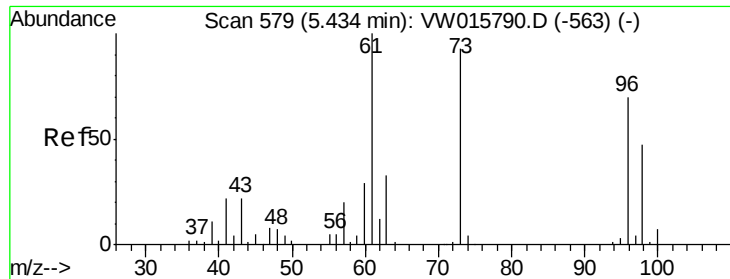
Tot Ion: 76 Resp: 122408
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 20.769 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion: 43 Resp: 18852
Ion Ratio Lower Upper
43 100
74 24.9 19.2 28.8

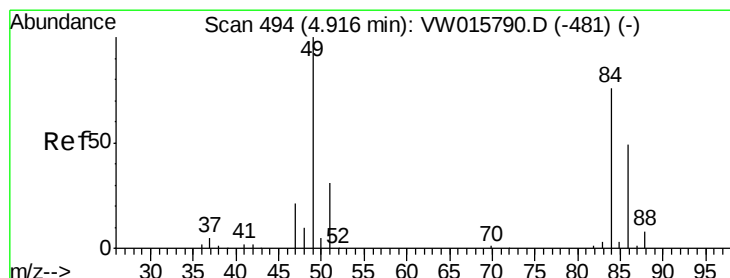
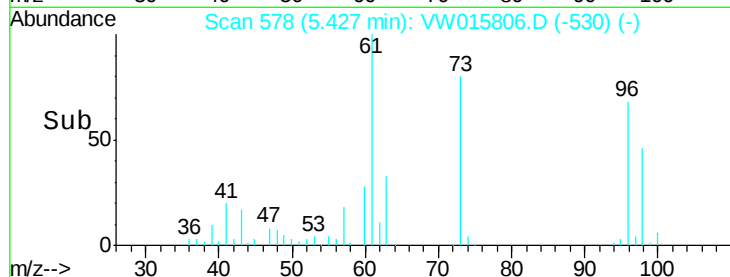
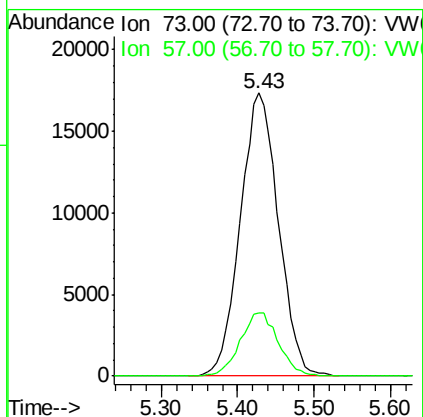
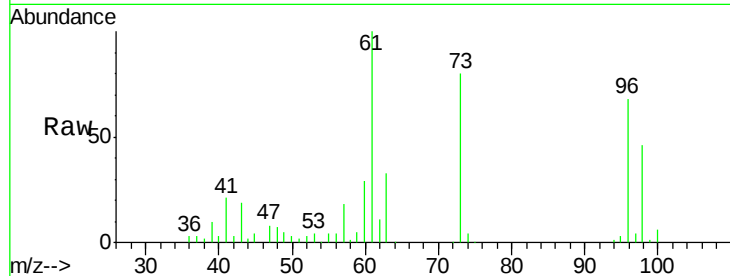




#19
Methvl tert-butvl Ether
Concen: 21.232 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

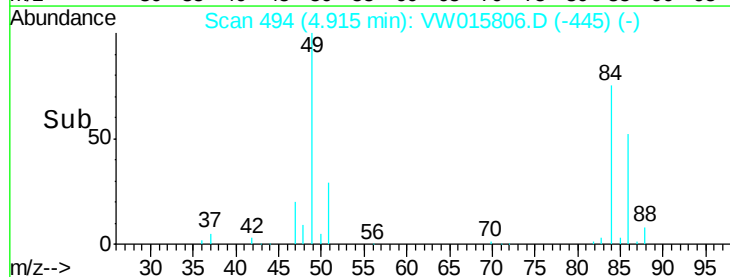
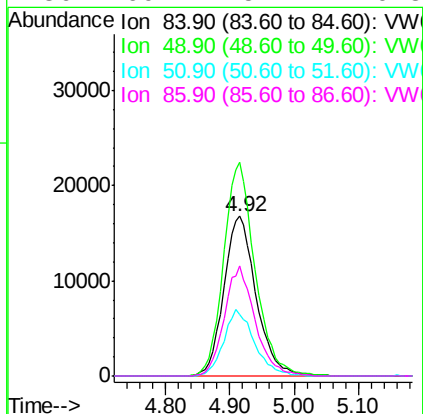
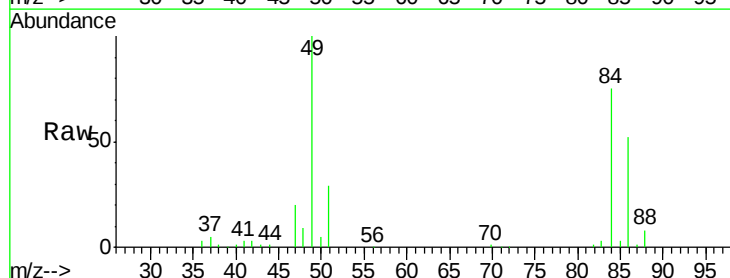
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBSD01

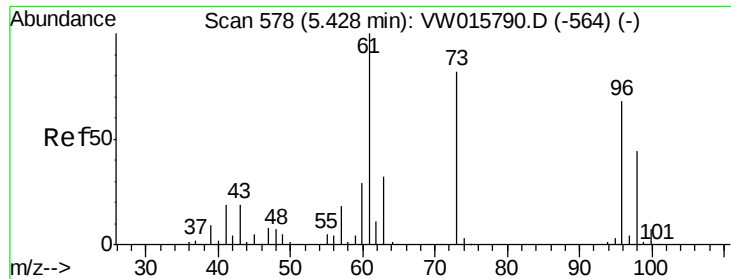
Tot Ion: 73 Resp: 60090
Ion Ratio Lower Upper
73 100
57 22.5 16.8 25.2



#20
Methylene Chloride
Concen: 26.551 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion: 84 Resp: 58780
Ion Ratio Lower Upper
84 100
49 133.6 105.0 157.6
51 38.7 32.3 48.5
86 69.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.334 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

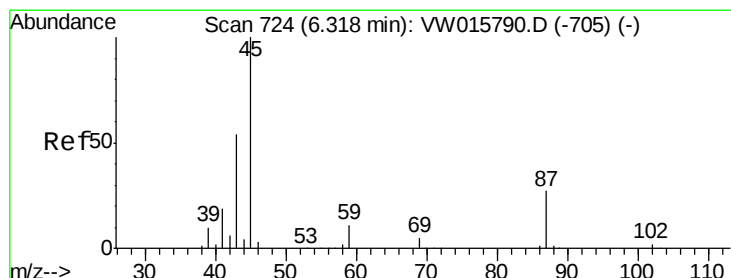
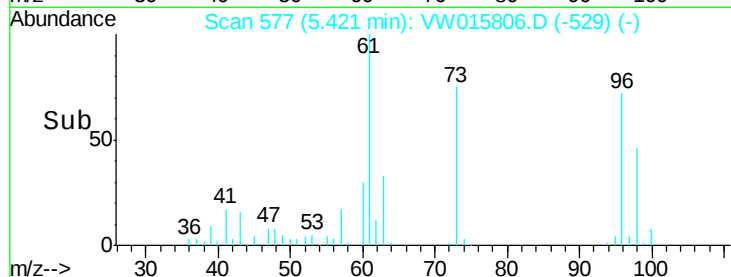
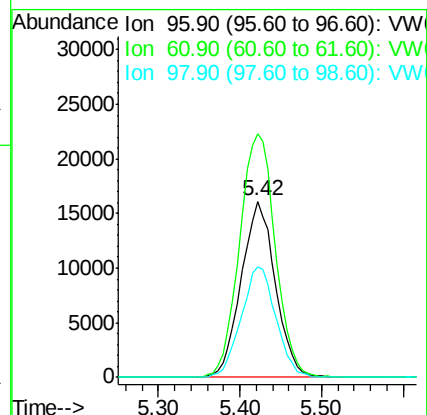
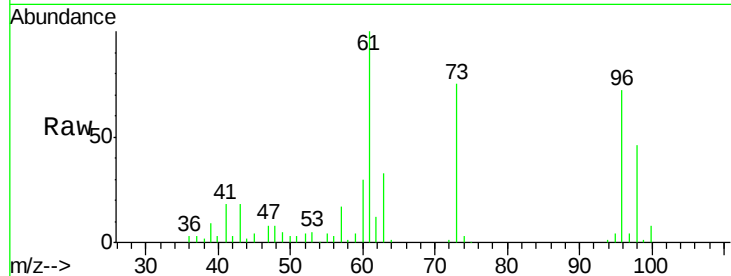
Tot Ion: 96 Resp: 46726

Ion Ratio Lower Upper

96 100

61 138.5 118.1 177.1

98 63.2 52.6 78.8



#22

Diisopropyl ether

Concen: 21.197 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Tgt Ion: 45 Resp: 131281

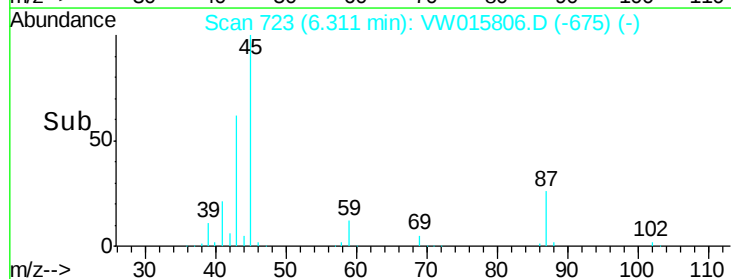
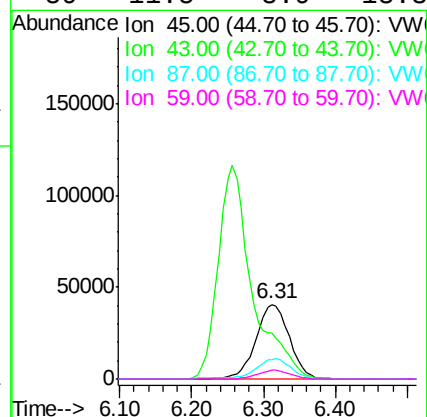
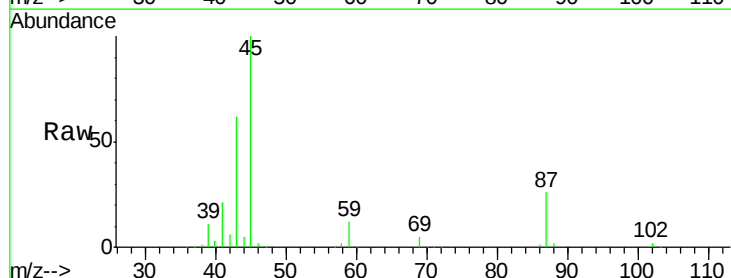
Ion Ratio Lower Upper

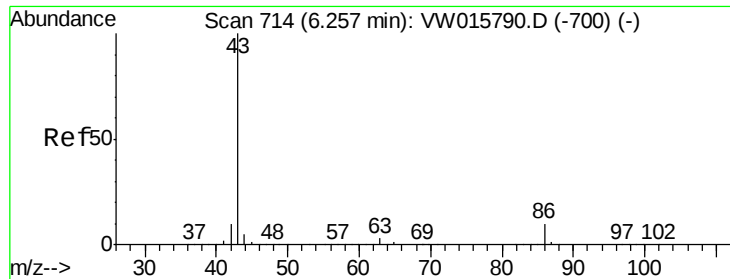
45 100

43 60.7 43.8 65.6

87 25.7 22.1 33.1

59 11.5 8.9 13.3





#23

Vinyl Acetate

Concen: 104.197 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleID :

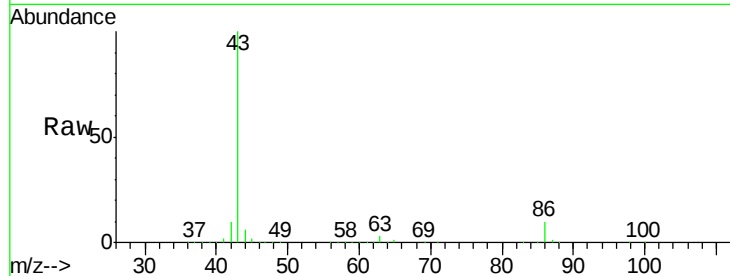
VW0708SBS01

Tot Ion: 43 Resp: 383841

Ion Ratio Lower Upper

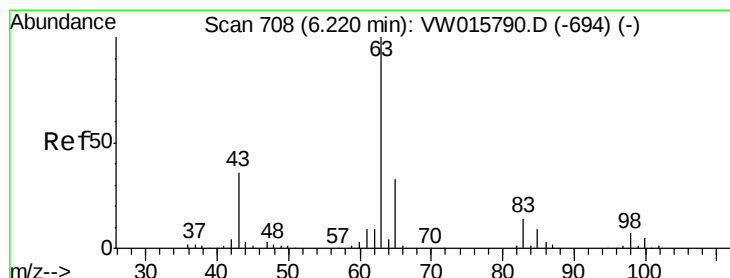
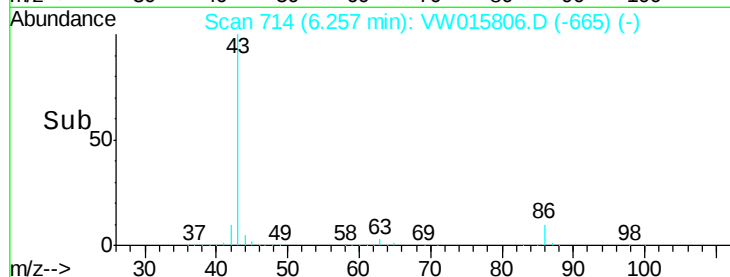
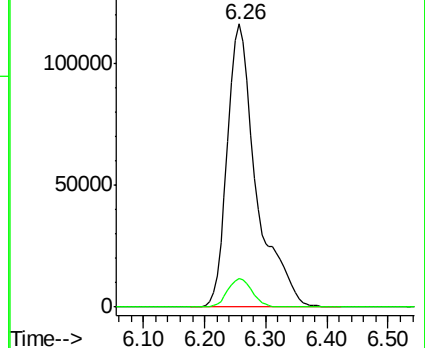
43 100

86 10.2 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.088 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

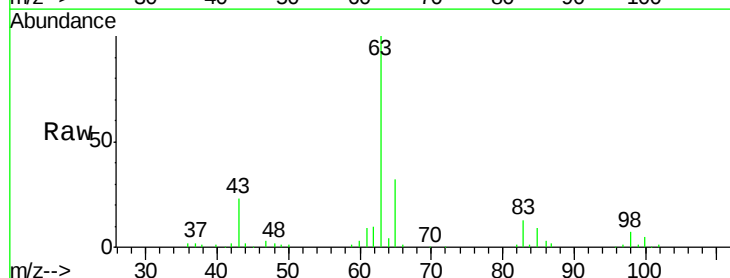
Tgt Ion: 63 Resp: 82693

Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.2

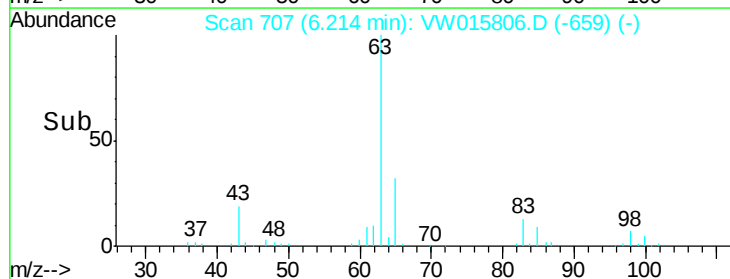
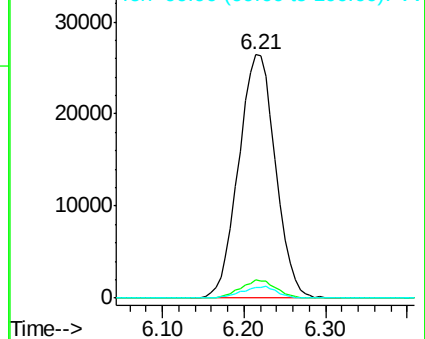
100 4.5 2.4 7.1

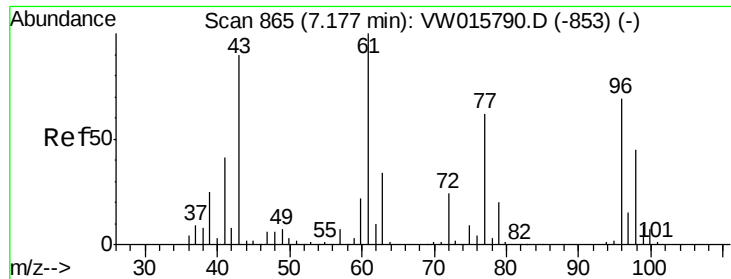


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

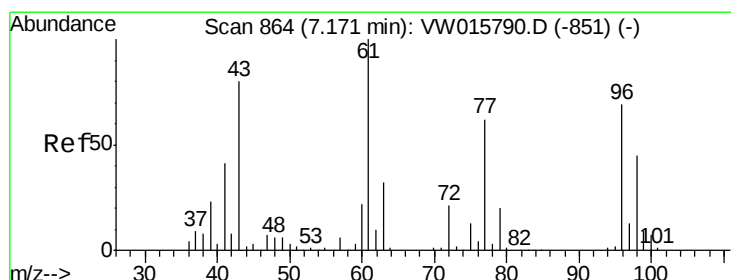
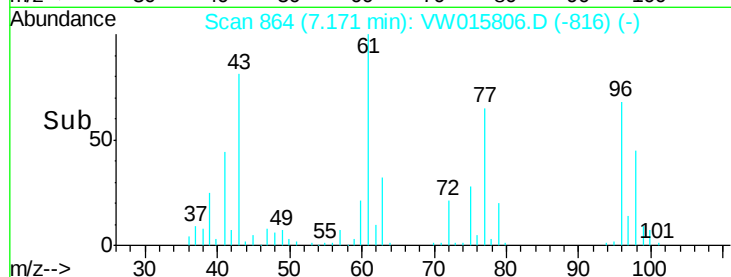
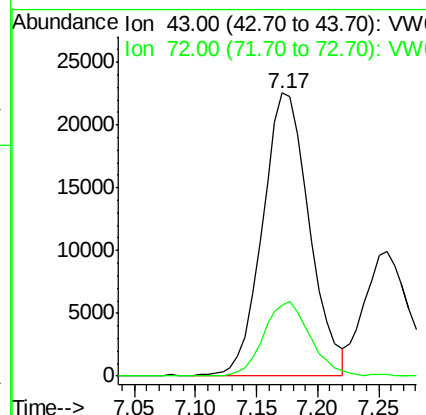
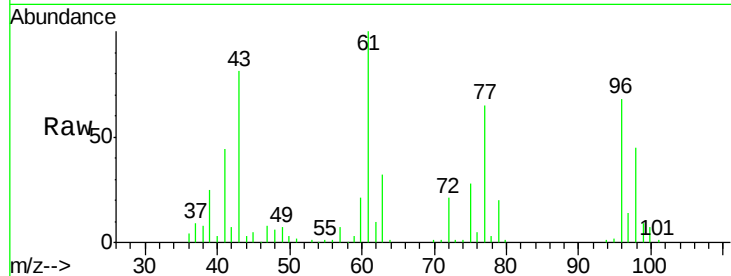




#25
2-Butanone
Concen: 111.495 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

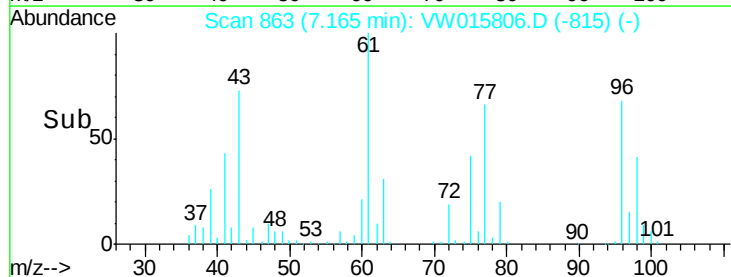
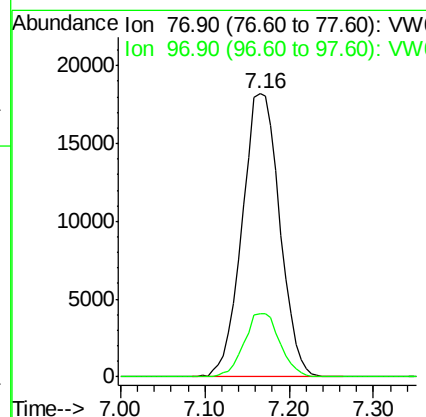
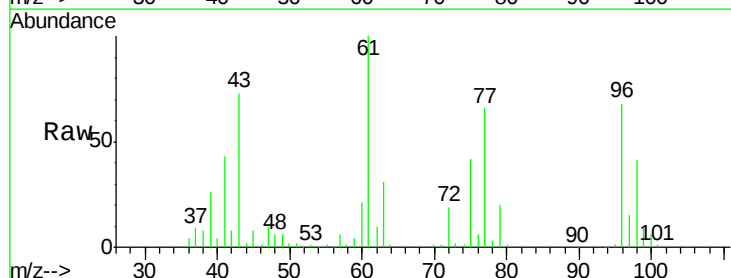
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

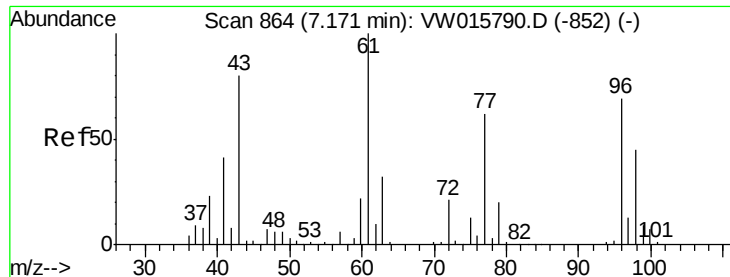
Tot Ion: 43 Resp: 60365
Ion Ratio Lower Upper
43 100
72 25.3 21.3 31.9



#26
2,2-Dichloropropane
Concen: 22.360 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion: 77 Resp: 55007
Ion Ratio Lower Upper
77 100
97 21.2 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 21.086 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampled :

VW0708SBS01

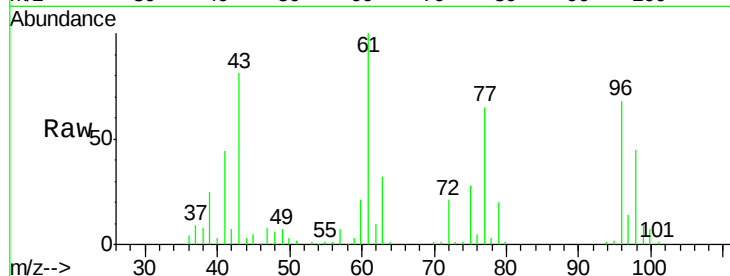
Tot Ion: 96 Resp: 49588

Ion Ratio Lower Upper

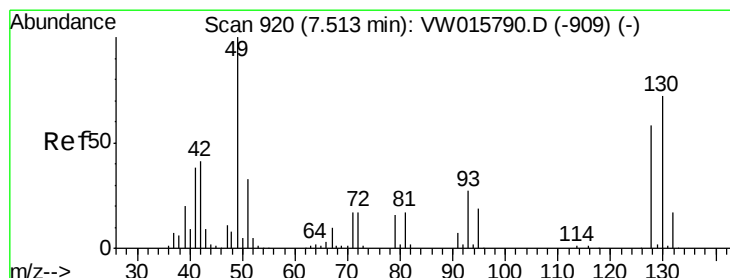
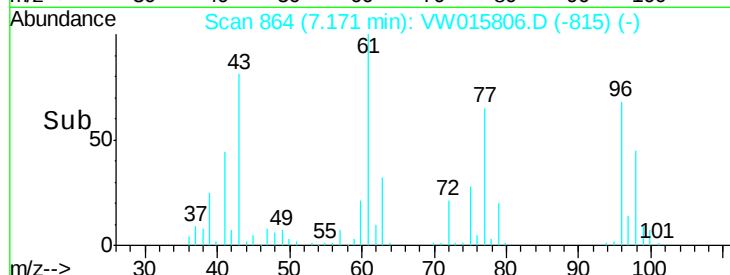
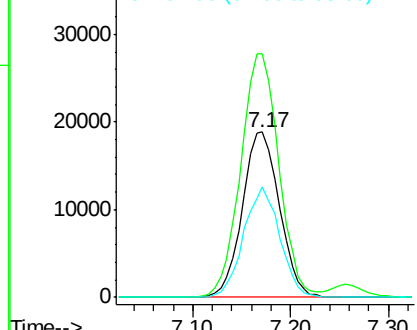
96 100

61 151.7 0.0 292.2

98 64.8 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 21.495 ug/l

RT: 7.51 min Scan# 920

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

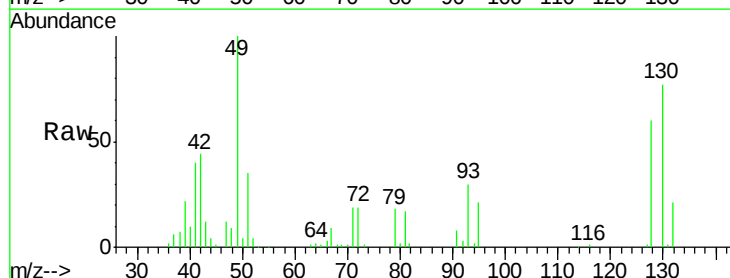
Tgt Ion: 49 Resp: 33414

Ion Ratio Lower Upper

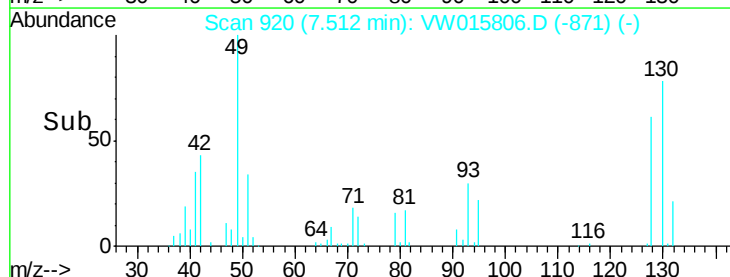
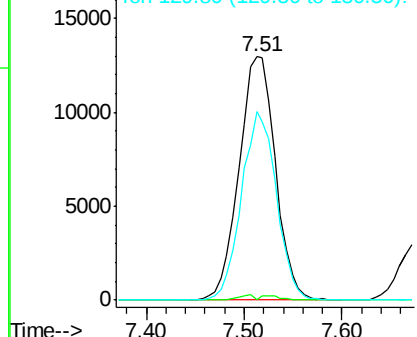
49 100

129 0.8 0.0 2.6

130 74.3 59.5 89.3



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

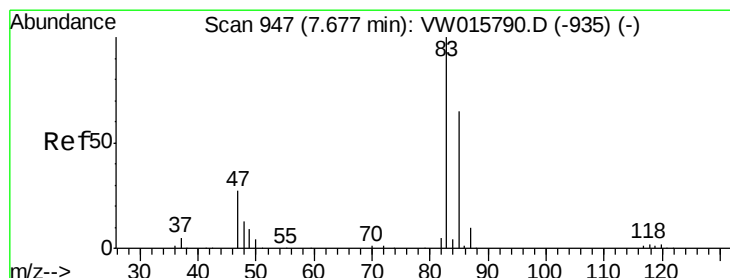
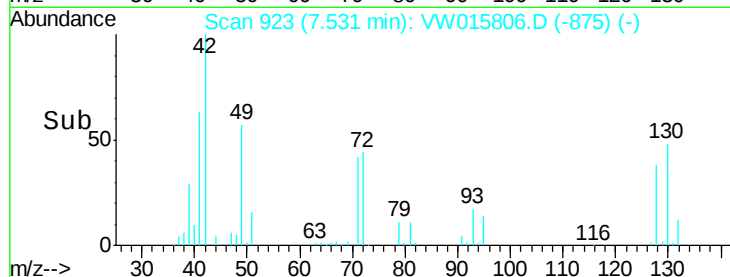
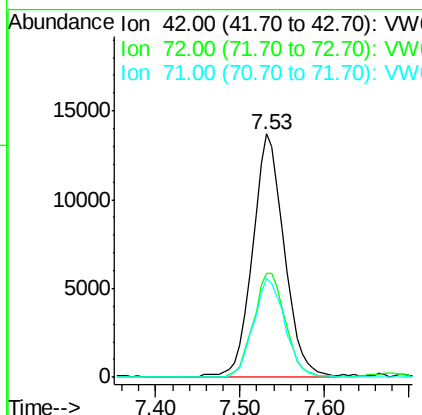
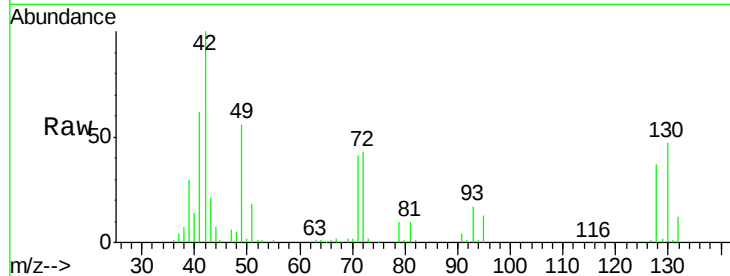




#29
Tetrahydrofuran
Concen: 107.415 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

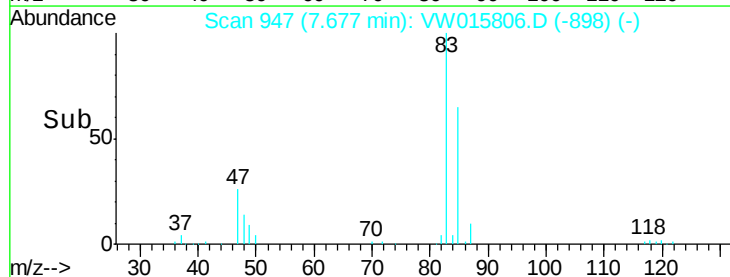
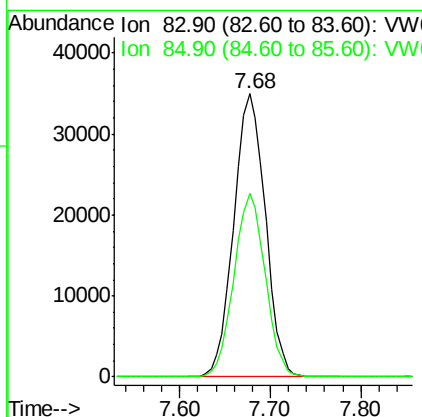
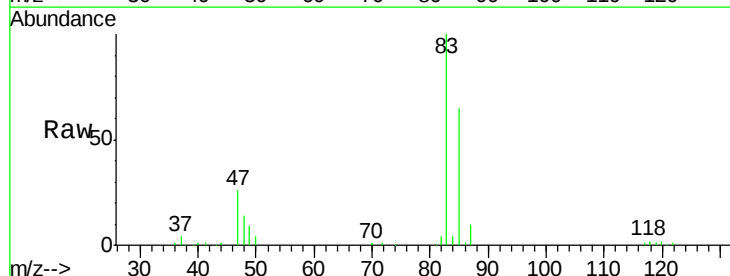
Instrument :
MSVOA_W
ClientSampled :
VW0708SBS01

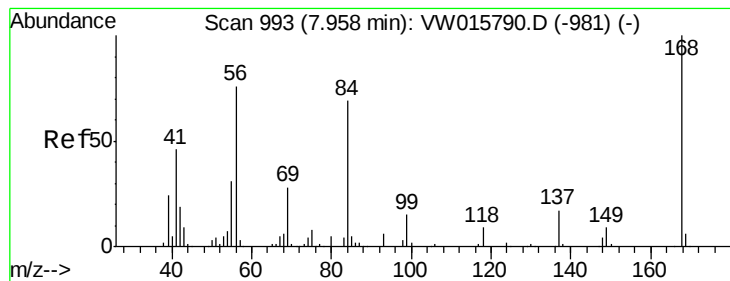
Tot Ion: 42 Resp: 35291
Ion Ratio Lower Upper
42 100
72 43.4 34.6 51.8
71 40.1 32.8 49.2



#30
Chloroform
Concen: 21.042 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion: 83 Resp: 84345
Ion Ratio Lower Upper
83 100
85 64.7 51.6 77.4





#31

Cyclohexane

Concen: 21.601 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

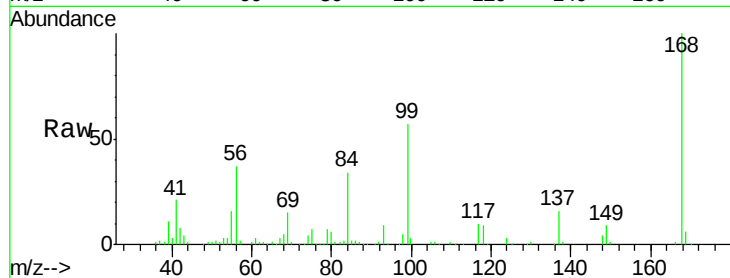
Tot Ion: 56 Resp: 79720

Ion Ratio Lower Upper

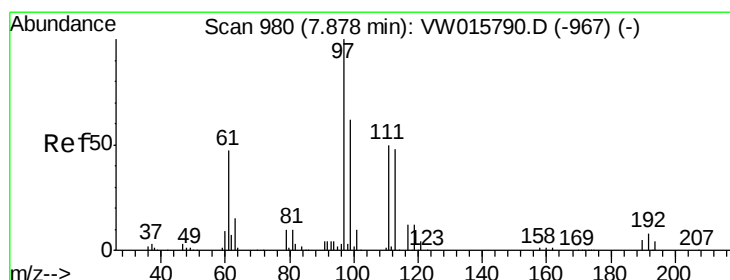
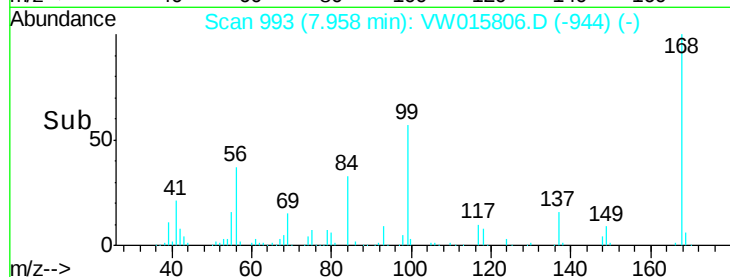
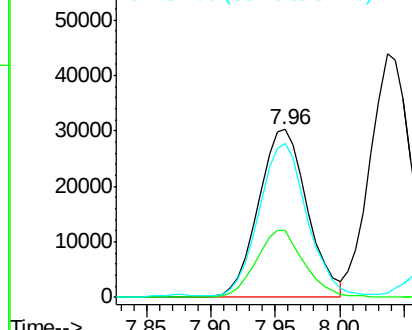
56 100

69 39.7 28.9 43.3

84 90.4 72.2 108.4



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 21.595 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

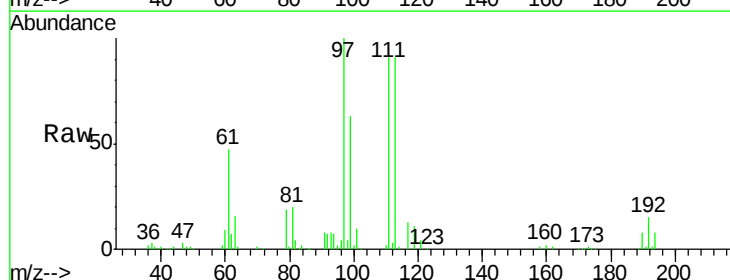
Tgt Ion: 97 Resp: 72585

Ion Ratio Lower Upper

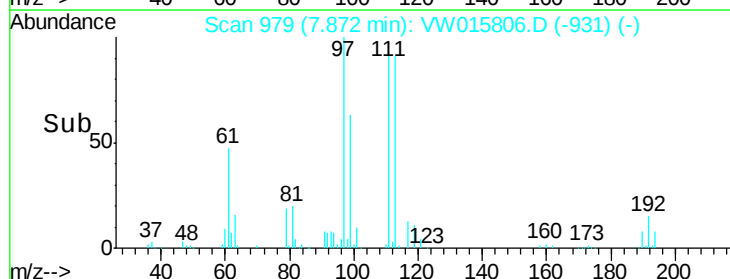
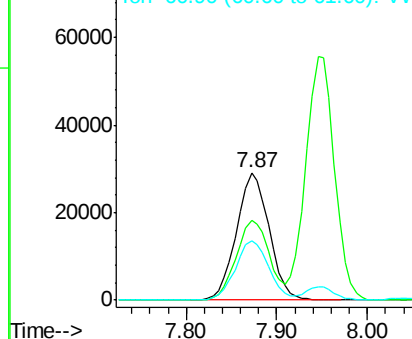
97 100

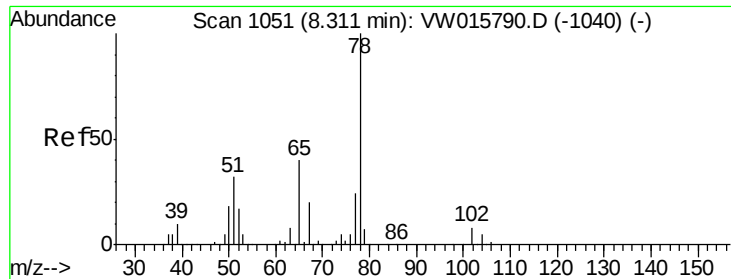
99 63.9 51.0 76.4

61 47.8 38.6 57.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 48.207 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

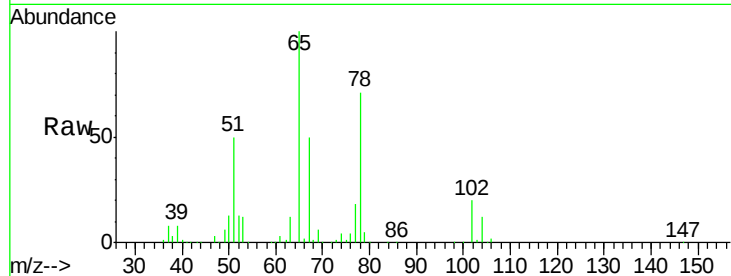
VW0708SBS01

Tot Ion: 65 Resp: 102763

Ion Ratio Lower Upper

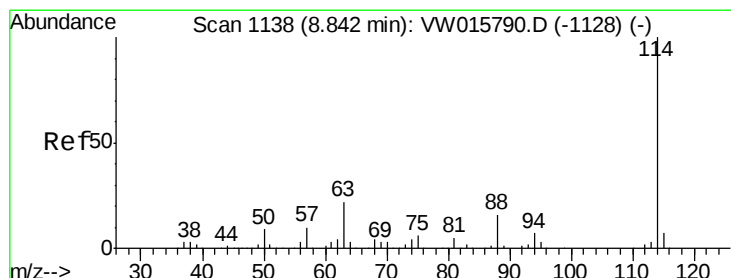
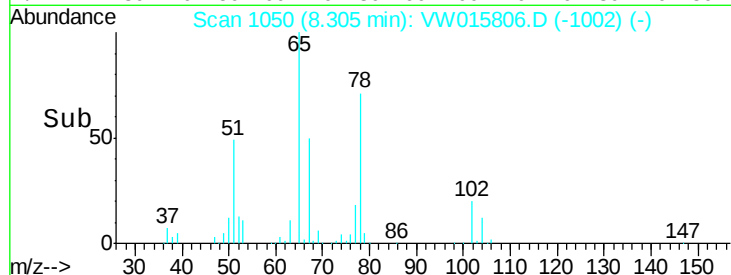
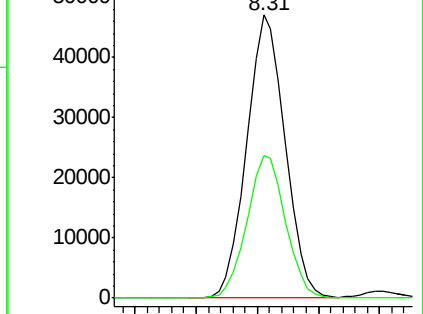
65 100

67 50.5 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

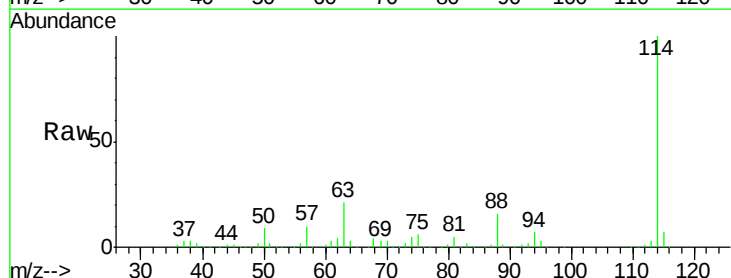
Tgt Ion: 114 Resp: 324312

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.4

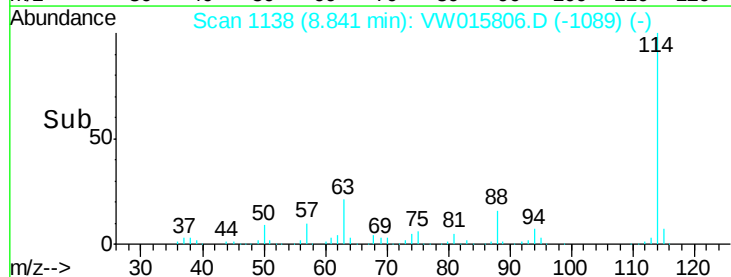
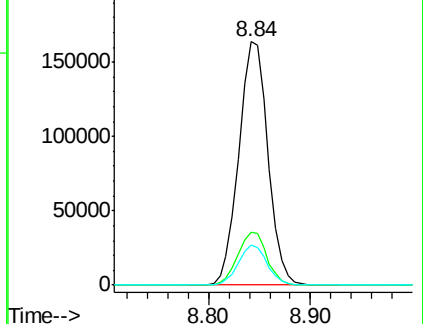
88 16.3 0.0 32.6

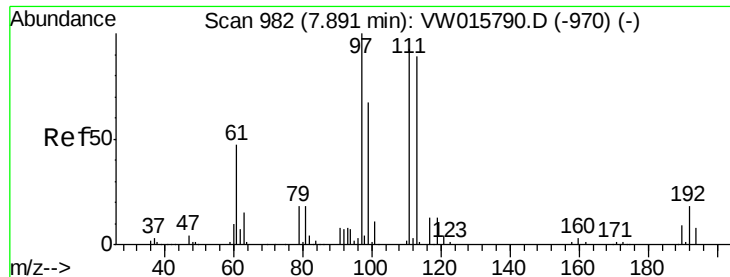


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 48.940 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampled :

VW0708SBS01

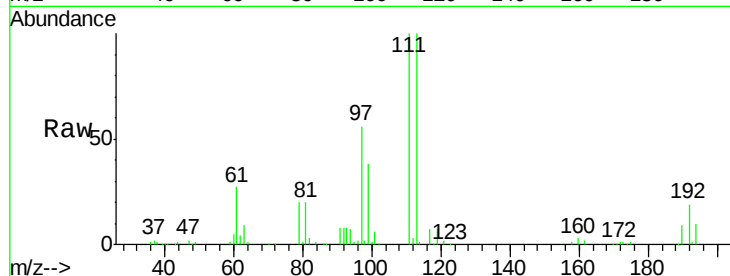
Tot Ion:113 Resp: 92598

Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

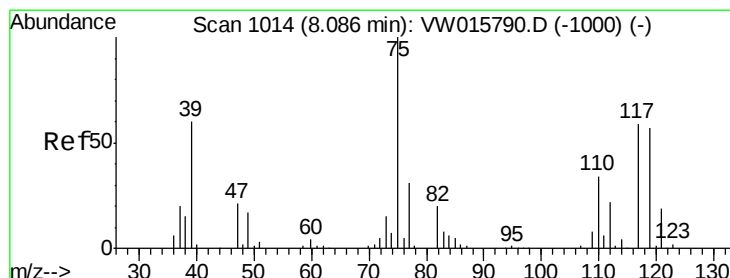
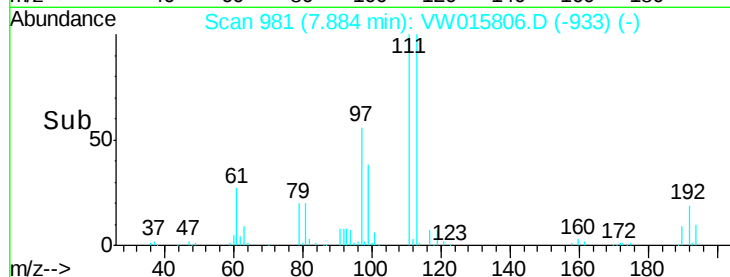
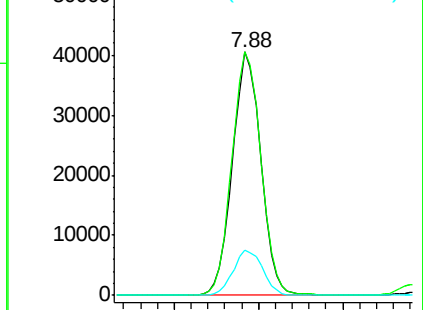
192 19.3 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.756 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

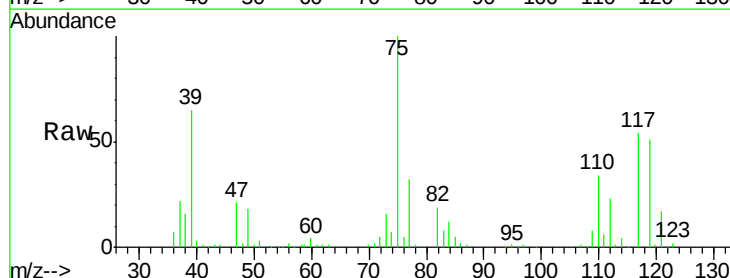
Tgt Ion: 75 Resp: 69553

Ion Ratio Lower Upper

75 100

110 33.7 16.8 50.3

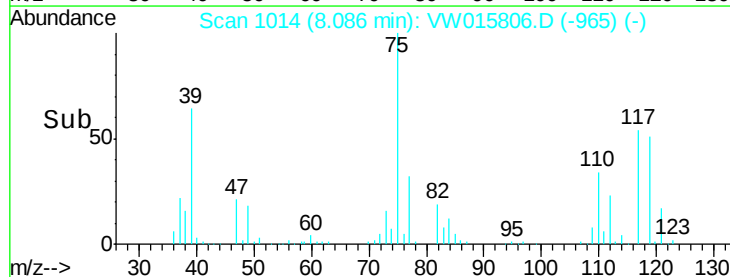
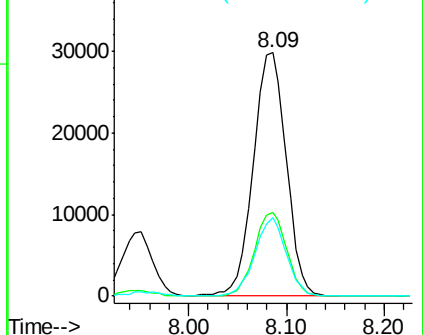
77 30.9 24.7 37.1

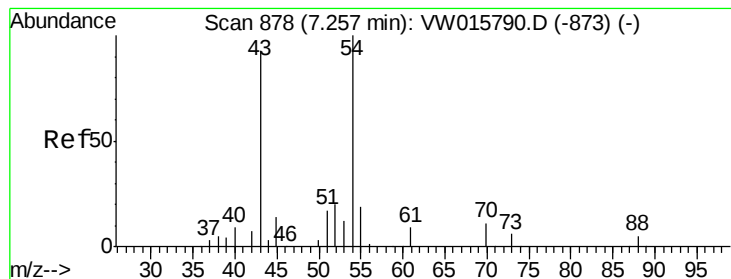


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 20.861 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampled :

VW0708SBS01

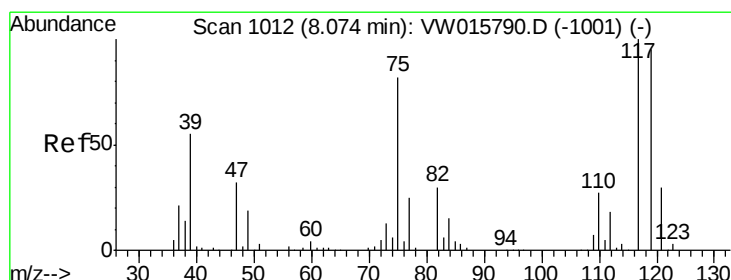
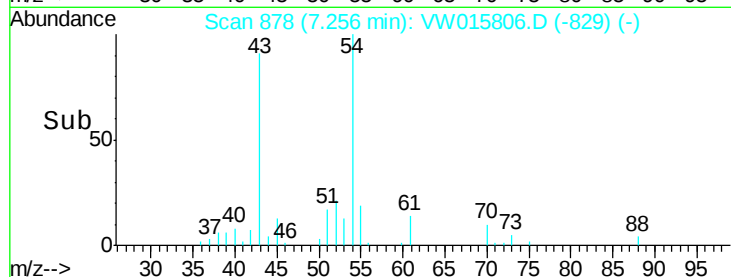
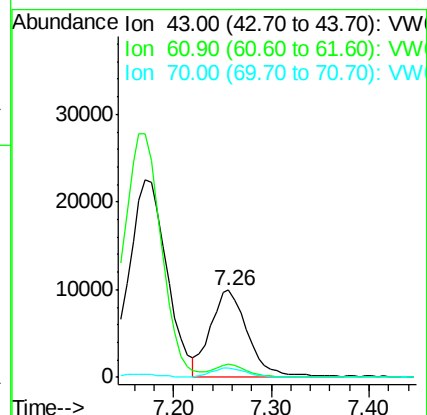
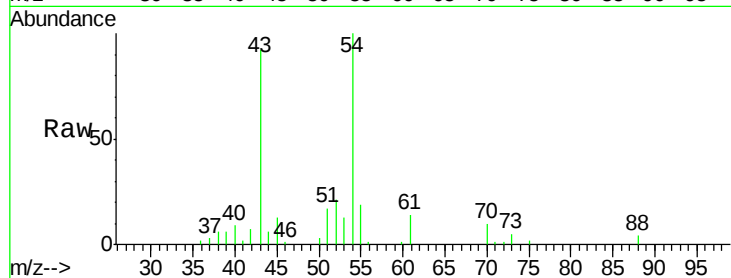
Tot Ion: 43 Resp: 25914

Ion Ratio Lower Upper

43 100

61 13.1 10.4 15.6

70 10.1 8.4 12.6



#38

Carbon Tetrachloride

Concen: 21.226 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

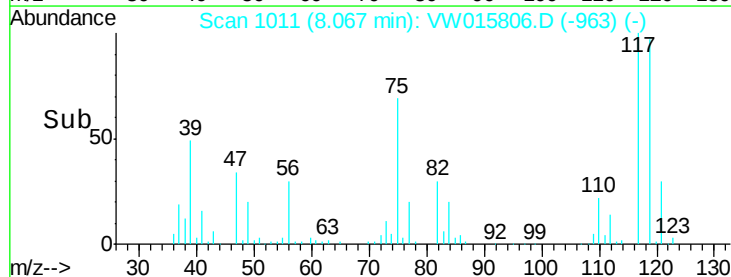
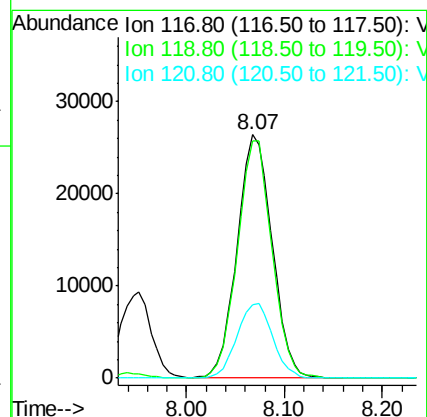
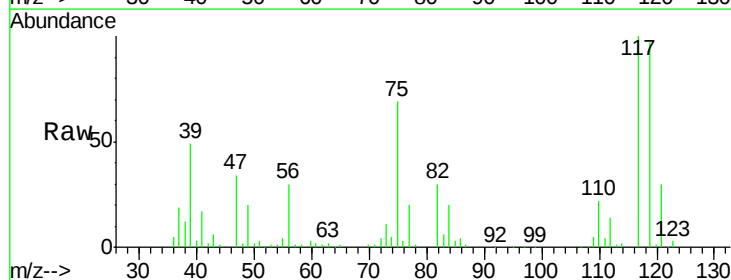
Tgt Ion: 117 Resp: 65663

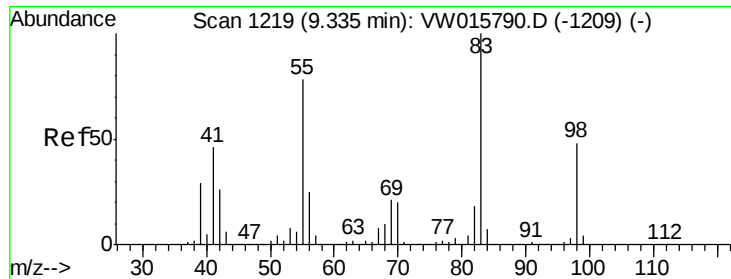
Ion Ratio Lower Upper

117 100

119 97.4 76.3 114.5

121 30.3 24.0 36.0

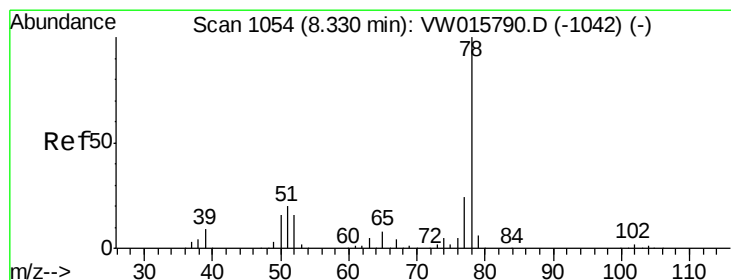
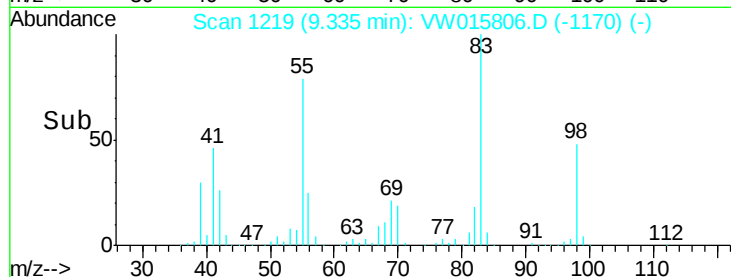
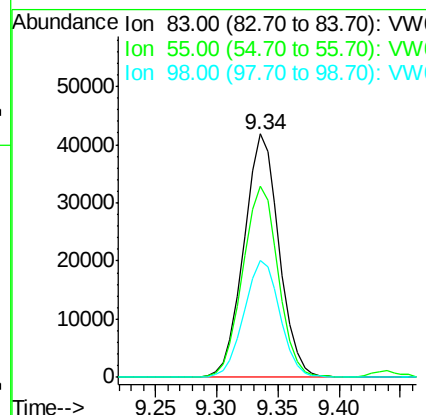
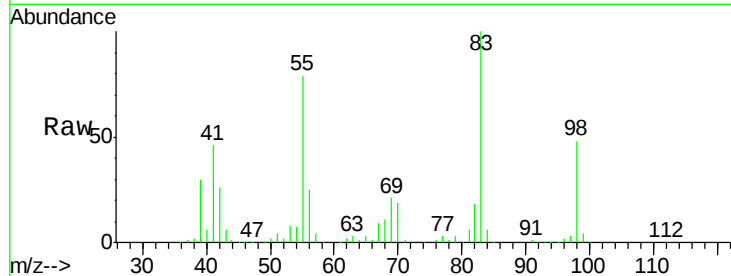




#39
Methvlcvclohexane
Concen: 22.154 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

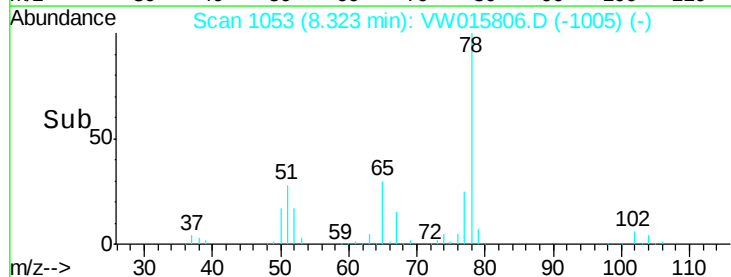
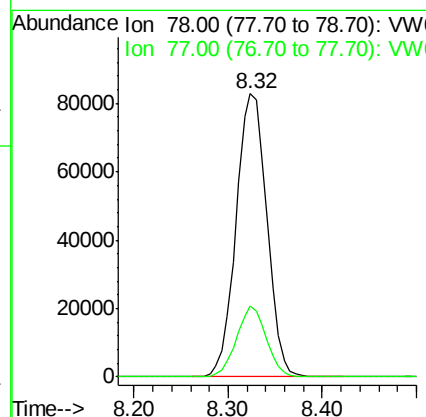
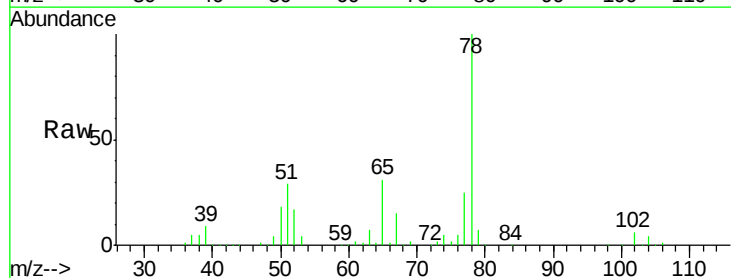
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBSD01

Tot Ion: 83 Resp: 83573
Ion Ratio Lower Upper
83 100
55 78.6 62.6 94.0
98 47.8 38.6 58.0



#40
Benzene
Concen: 21.524 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion: 78 Resp: 188489
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.6

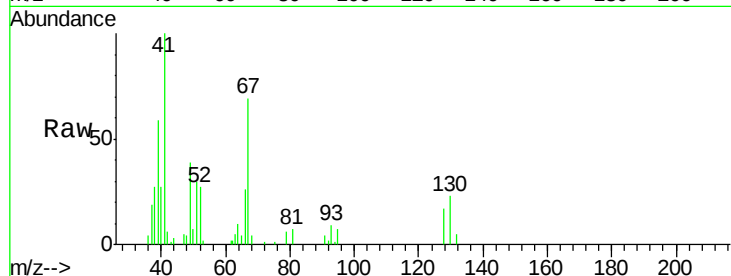




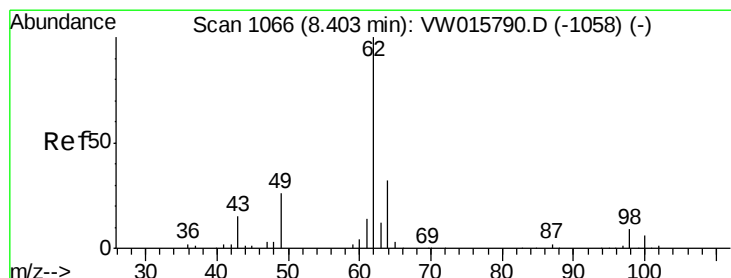
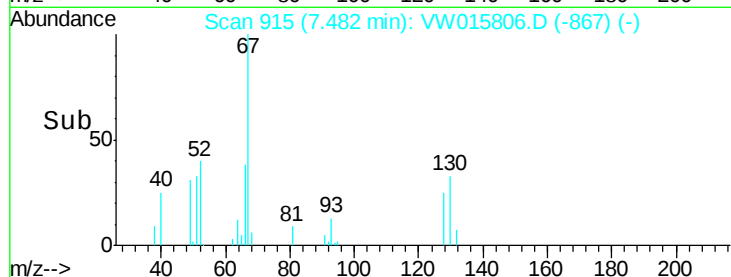
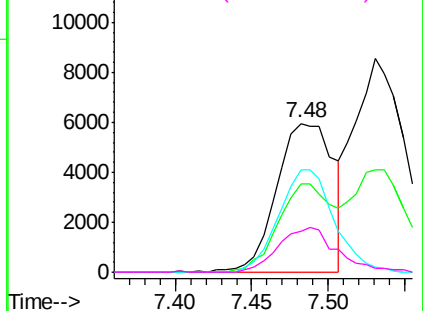
#41
Methacrylonitrile
Concen: 21.845 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion:	41	Resp:	15406
Ion	Ratio	Lower	Upper
41	100		
39	56.5	44.6	66.8
67	66.9	56.4	84.6
52	30.8	25.4	38.2

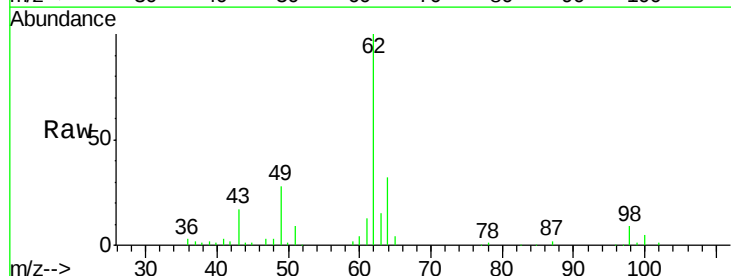


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

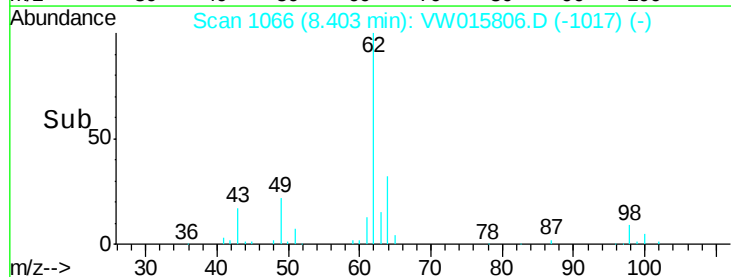
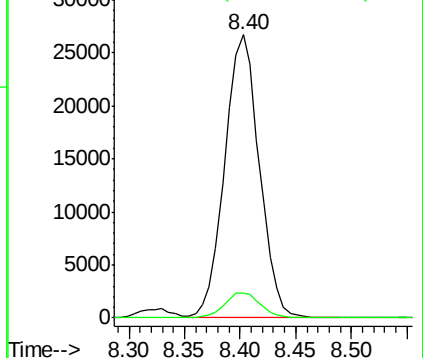


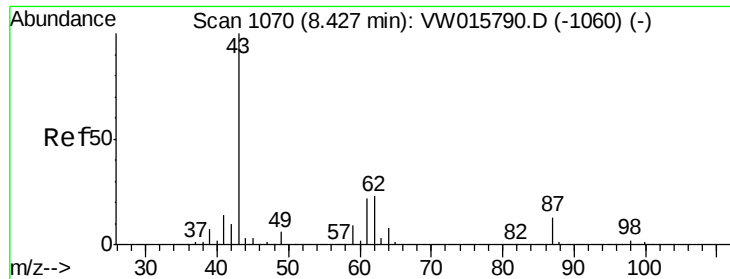
#42
1,2-Dichloroethane
Concen: 21.107 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion:	62	Resp:	57528
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 20.630 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

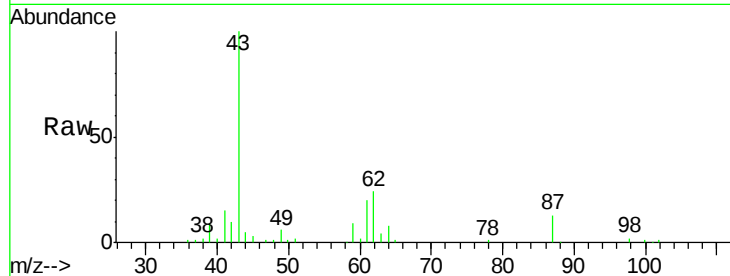
Tot Ion: 43 Resp: 50023

Ion Ratio Lower Upper

43 100

61 30.5 24.8 37.2

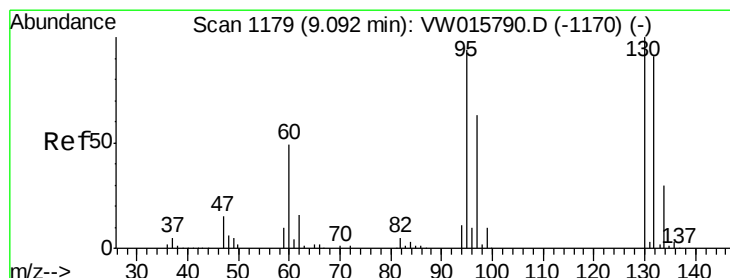
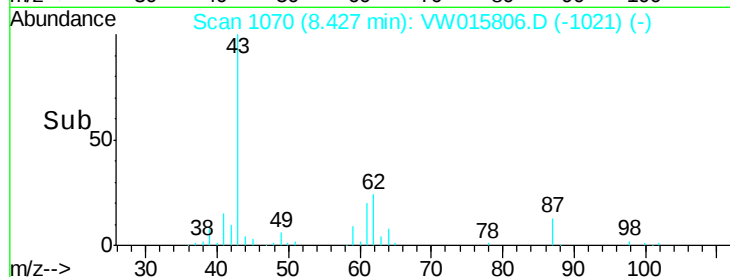
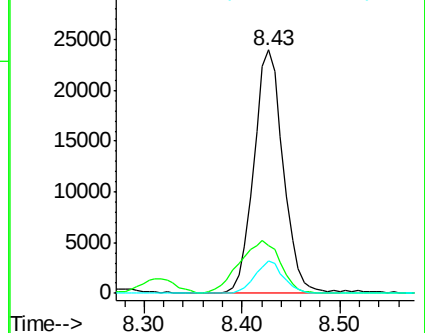
87 12.9 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.093 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015806.D

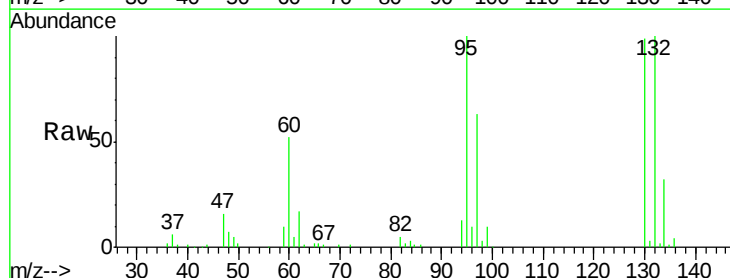
Acq: 08 Jul 2020 13:39

Tgt Ion: 130 Resp: 48859

Ion Ratio Lower Upper

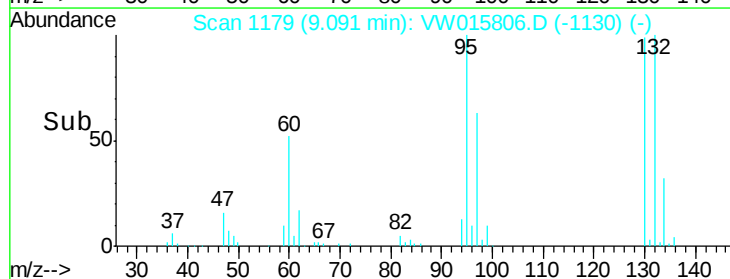
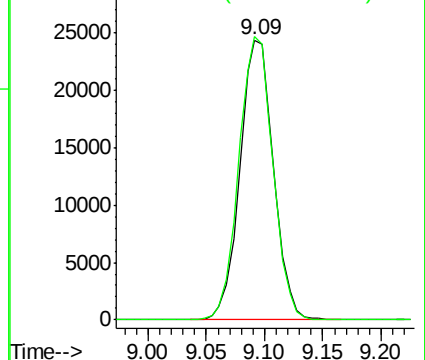
130 100

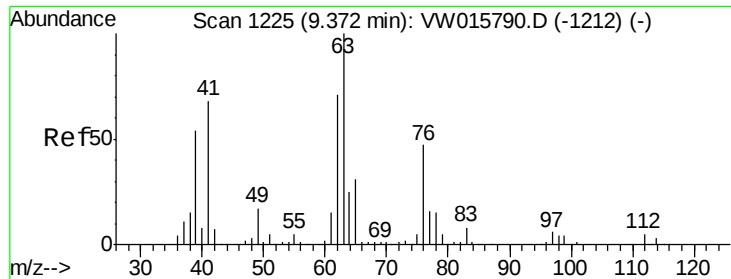
95 101.1 0.0 188.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

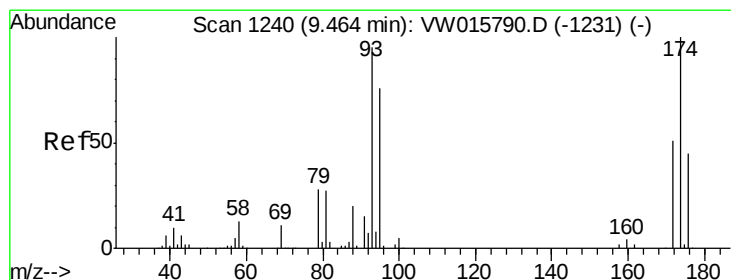
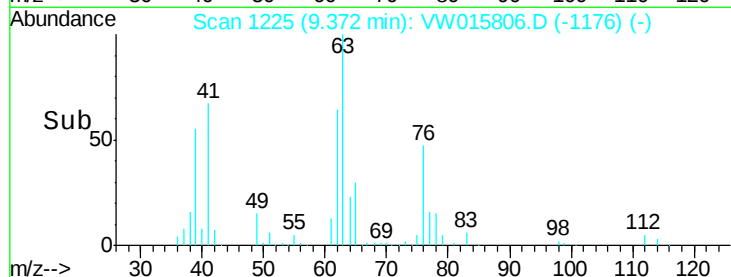
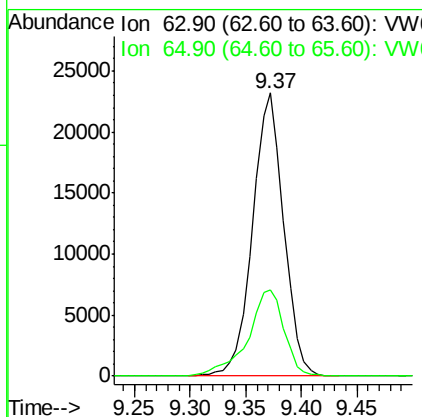
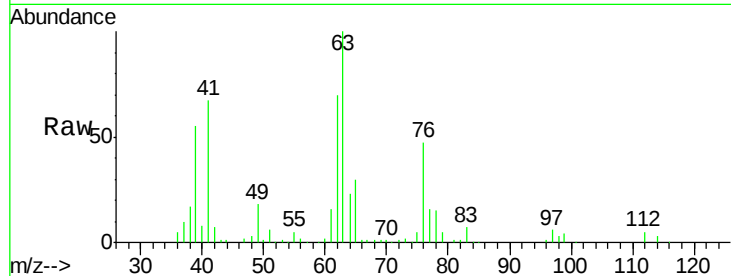




#45
 1,2-Dichloropropane
 Concen: 20.979 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

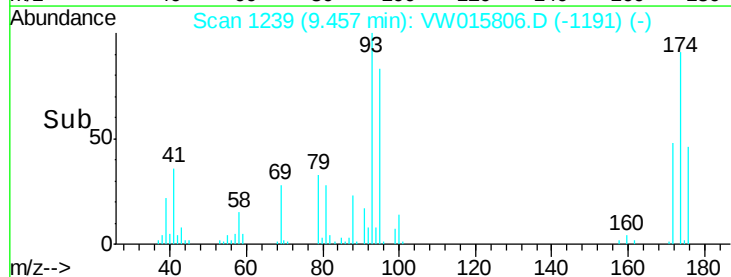
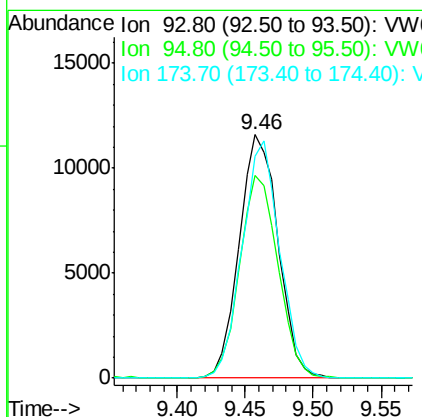
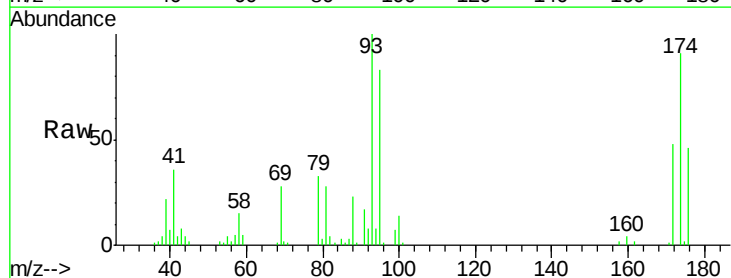
Instrument :
 MSVOA_W
 ClientSampled :
 VW0708SBS01

Tot Ion: 63 Resp: 45159
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.5 36.7



#46
 Dibromomethane
 Concen: 20.932 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion: 93 Resp: 23197
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.0 99.0
 174 94.2 78.7 118.1





#47

Bromodichloromethane

Concen: 21.044 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBSD01

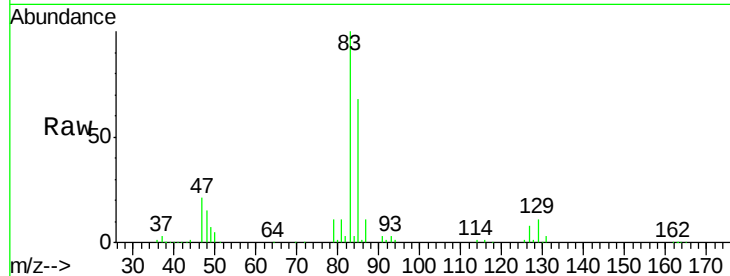
Tot Ion: 83 Resp: 60321

Ion Ratio Lower Upper

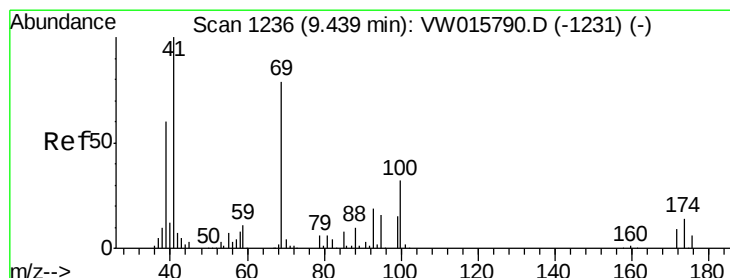
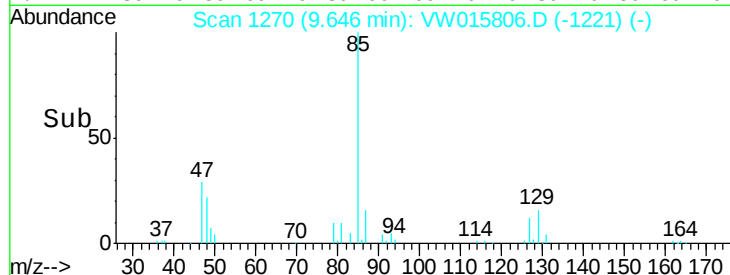
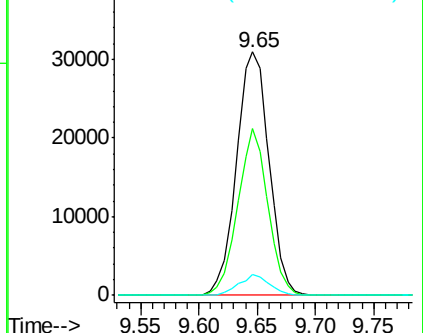
83 100

85 68.5 50.6 76.0

127 8.3 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.026 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

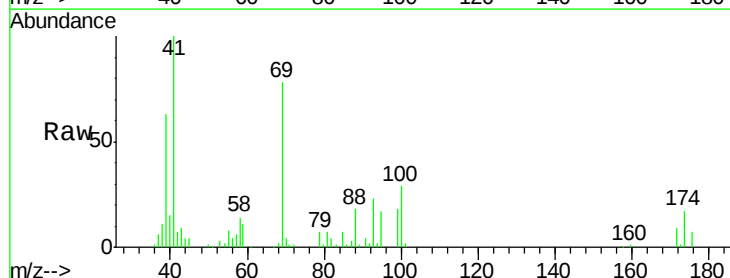
Tgt Ion: 41 Resp: 23365

Ion Ratio Lower Upper

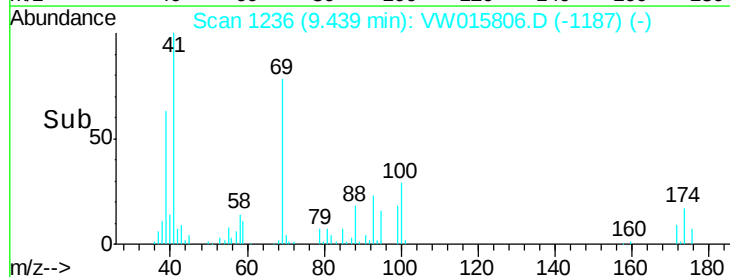
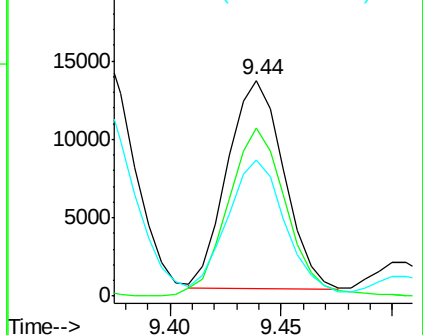
41 100

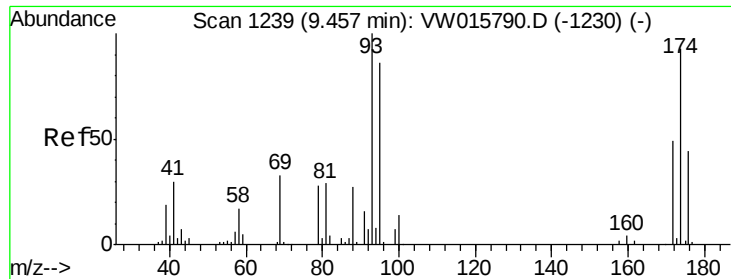
69 83.6 67.1 100.7

39 63.4 49.9 74.9



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

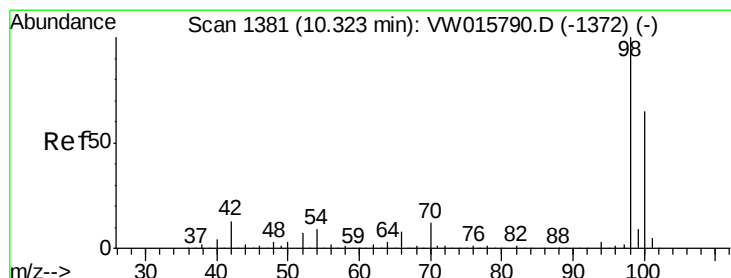
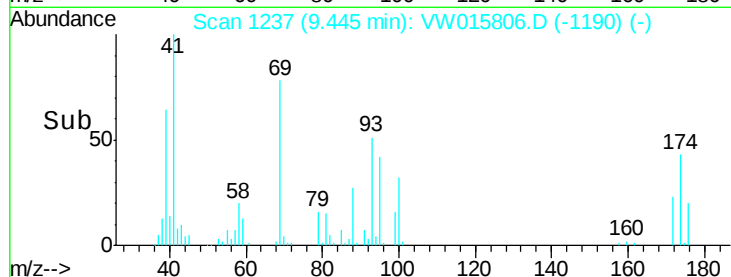
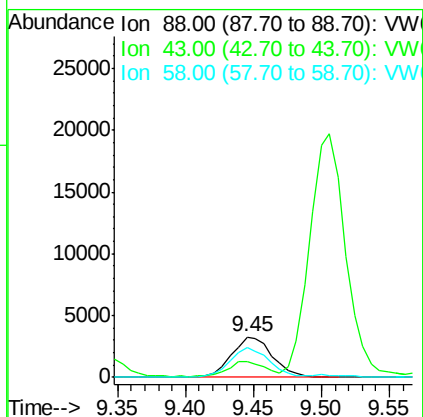
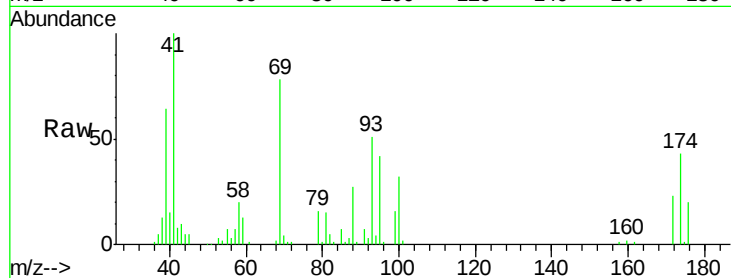




#49
 1,4-Dioxane
 Concen: 491.790 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

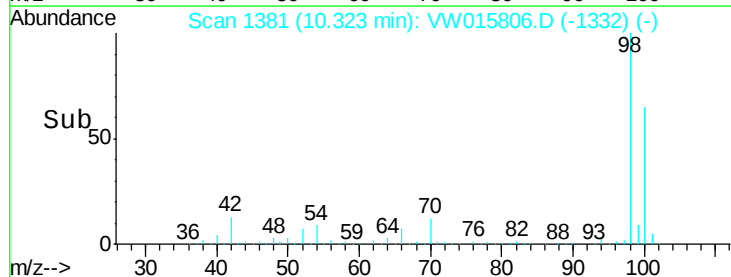
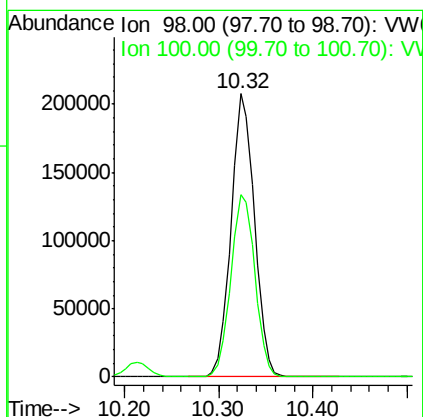
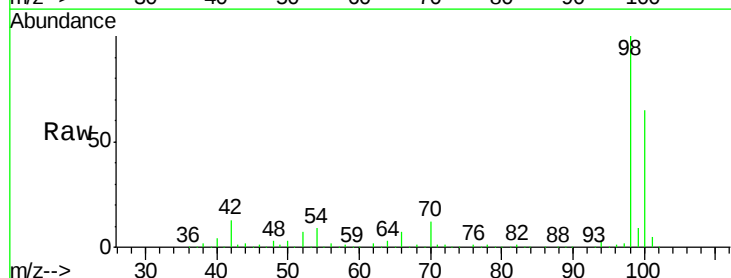
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

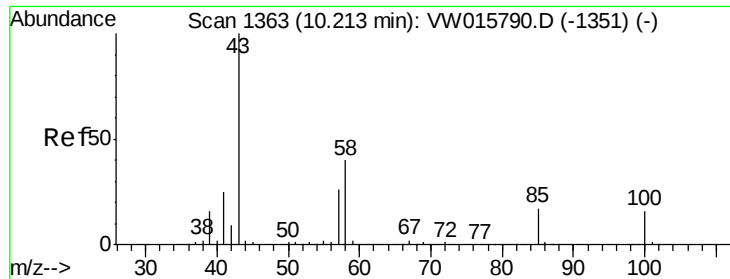
Tot Ion: 88 Resp: 6738
 Ion Ratio Lower Upper
 88 100
 43 40.2 28.1 42.1
 58 72.6 59.3 88.9



#50
 Toluene-d8
 Concen: 49.269 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion: 98 Resp: 358076
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 105.716 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

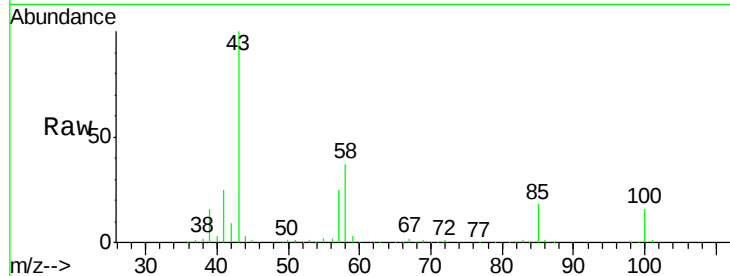
VW0708SBS01

Tot Ion: 43 Resp: 125084

Ion Ratio Lower Upper

43 100

58 38.1 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

60000

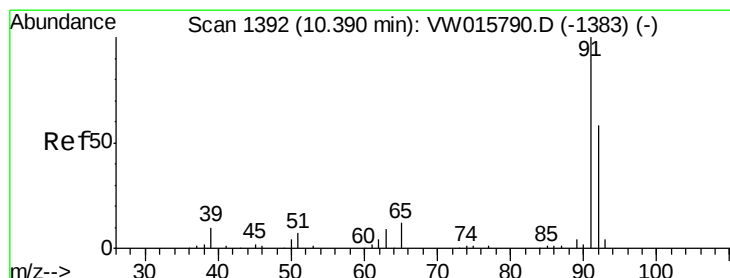
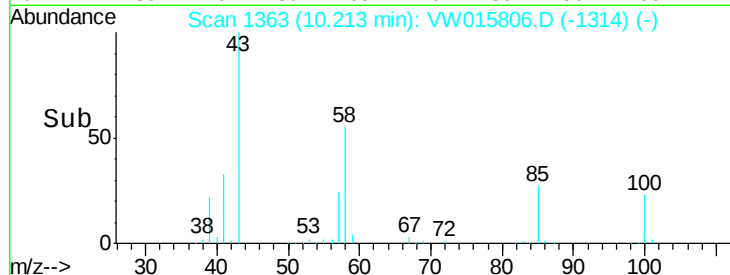
40000

20000

0

10.10 10.20 10.30

Time-->



#52

Toluene

Concen: 21.543 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015806.D

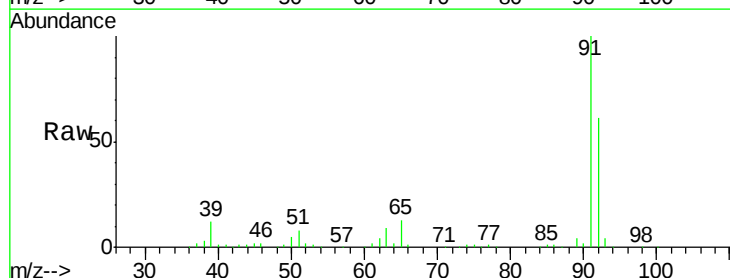
Acq: 08 Jul 2020 13:39

Tgt Ion: 92 Resp: 121403

Ion Ratio Lower Upper

92 100

91 170.7 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

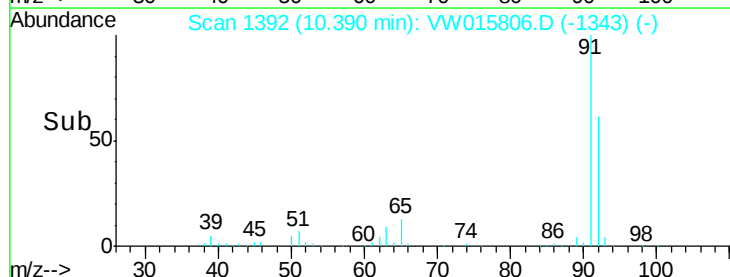
100000

50000

0

10.30 10.40

Time-->

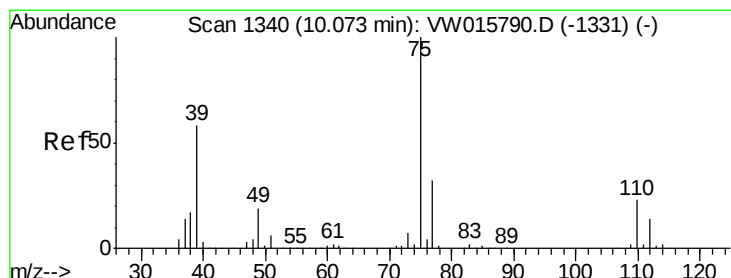
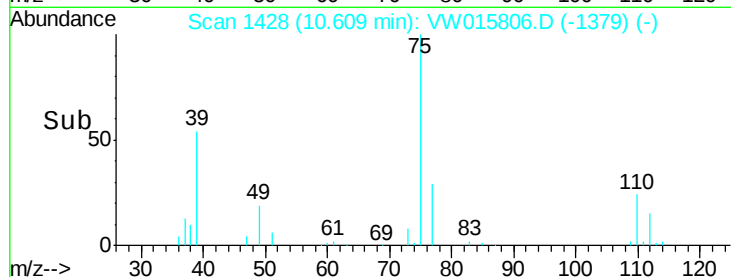
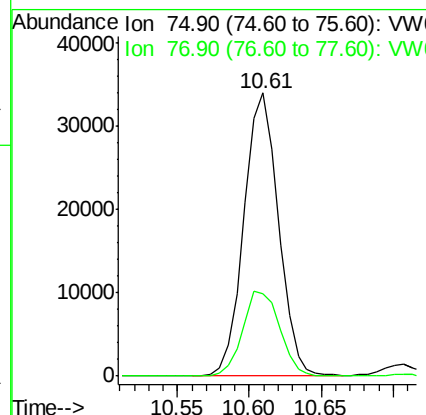
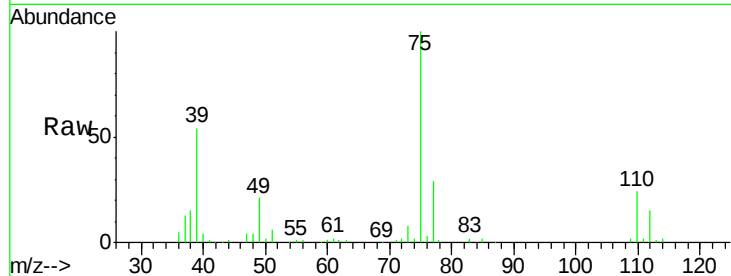




#53
 t-1,3-Dichloropropene
 Concen: 20.635 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

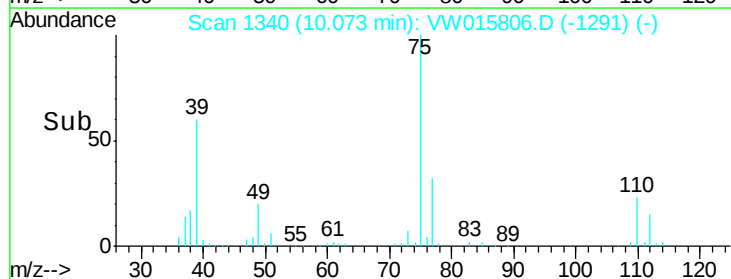
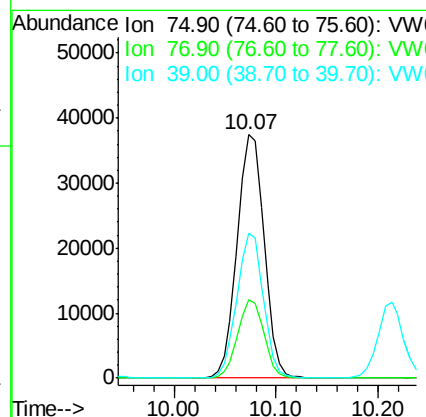
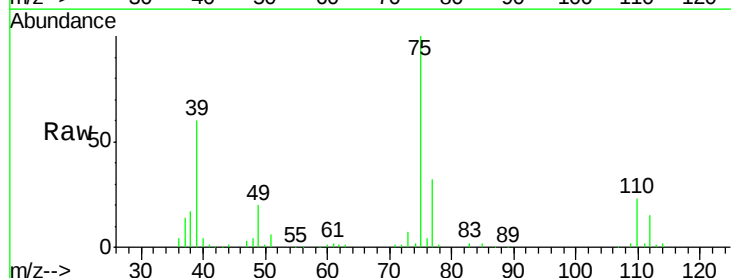
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

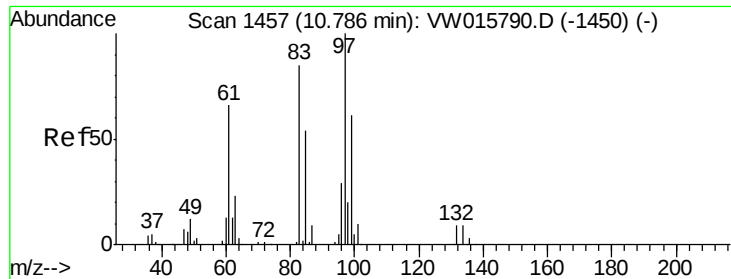
Tot Ion: 75 Resp: 56752
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.868 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion: 75 Resp: 68653
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8
 39 59.6 46.0 69.0

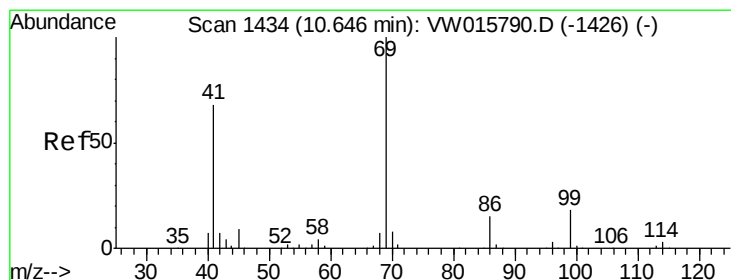
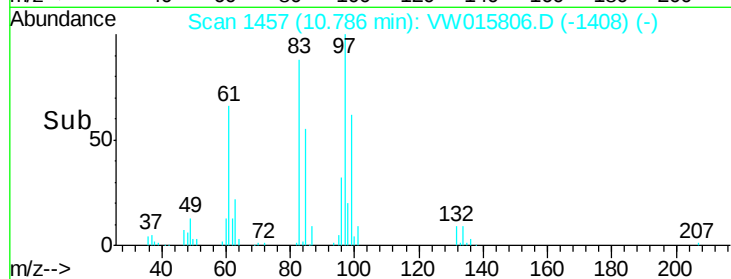
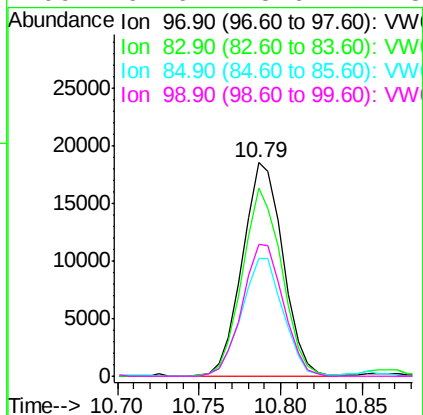
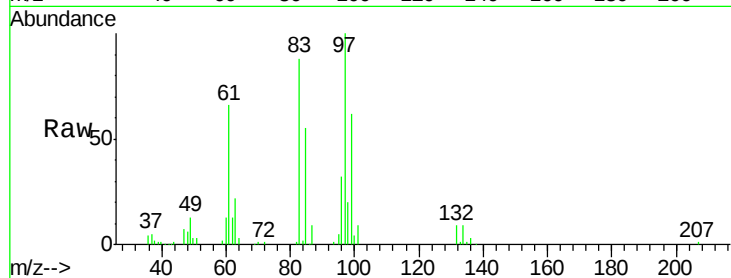




#55
 1,1,2-Trichloroethane
 Concen: 20.970 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

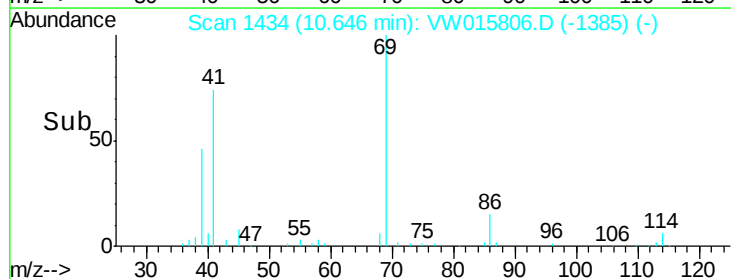
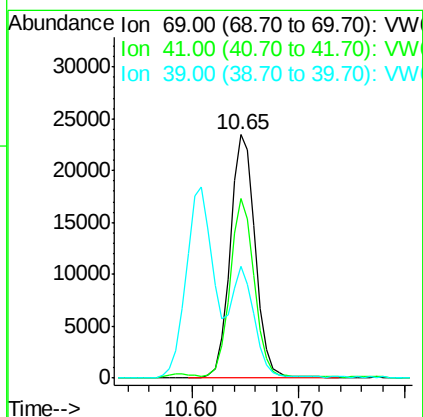
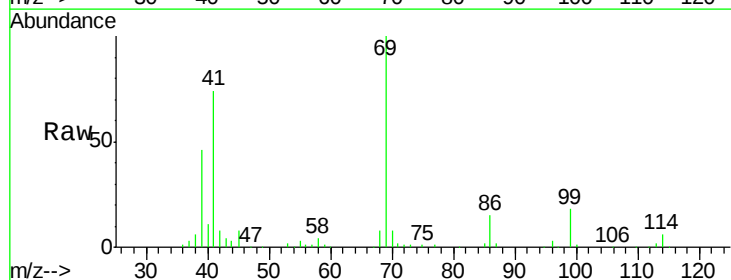
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

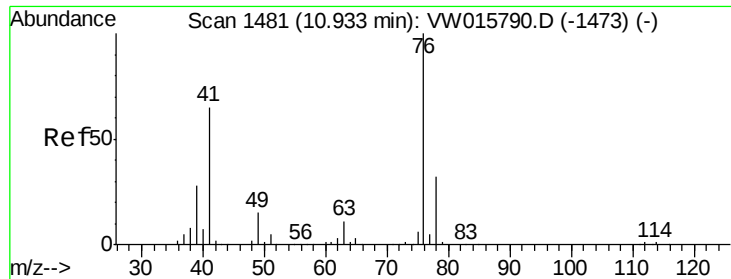
Tot Ion:	97	Resp:	32224
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.2	102.4
85	55.3	43.4	65.0
99	61.6	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 20.519 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion:	69	Resp:	38765
Ion	Ratio	Lower	Upper
69	100		
41	71.2	55.0	82.6
39	42.7	33.8	50.8

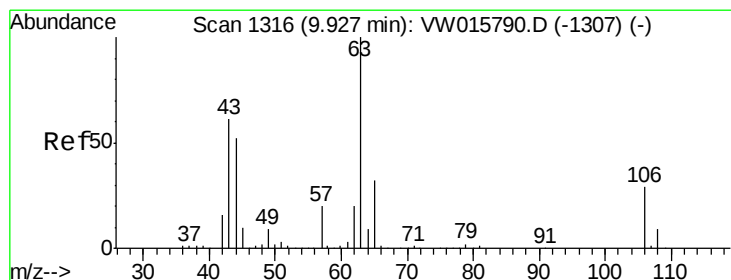
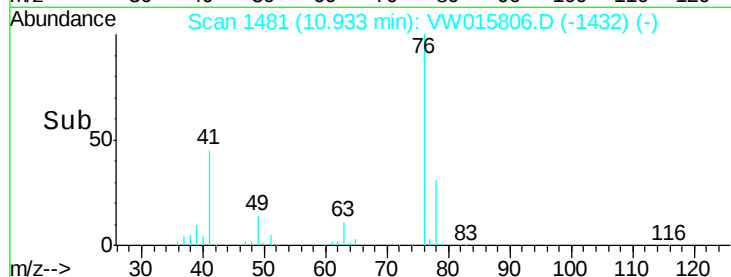
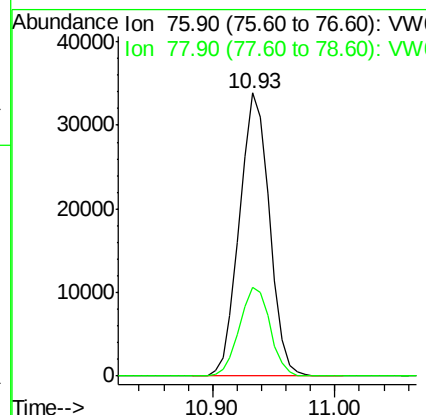
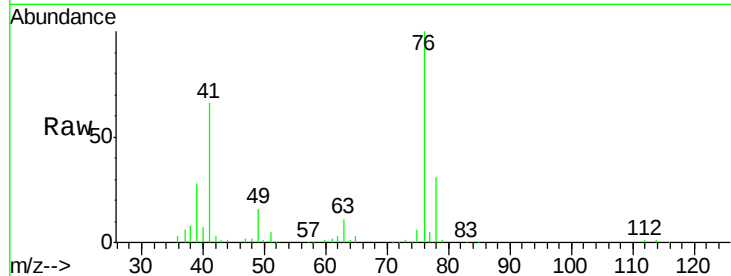




#57
 1,3-Dichloropropane
 Concen: 21.101 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

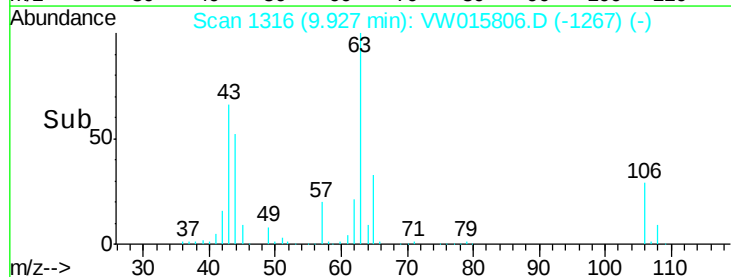
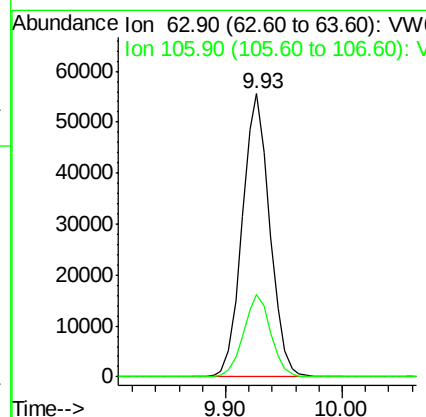
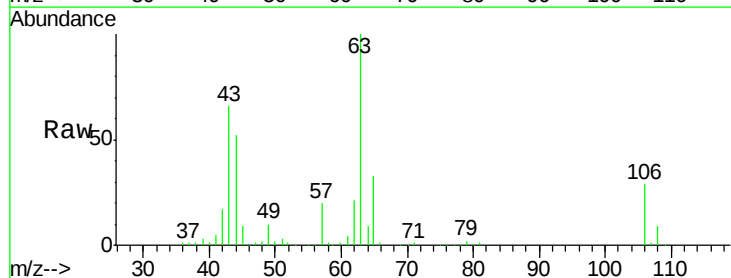
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

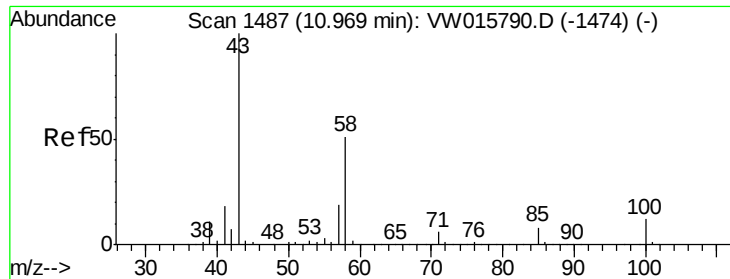
Tot Ion: 76 Resp: 57401
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.243 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion: 63 Resp: 91612
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.1 34.7

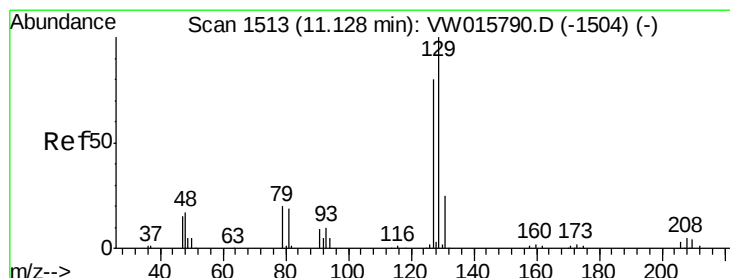
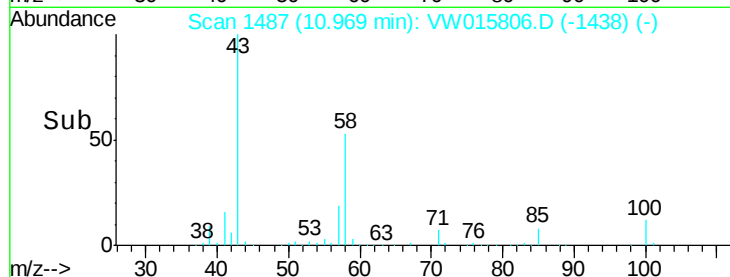
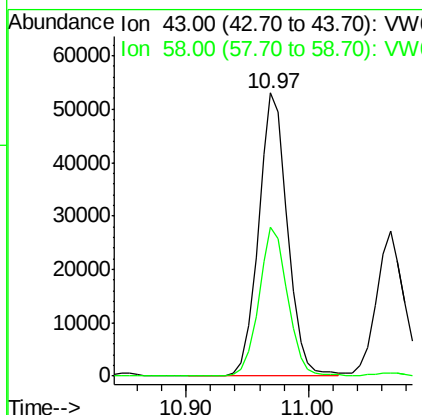
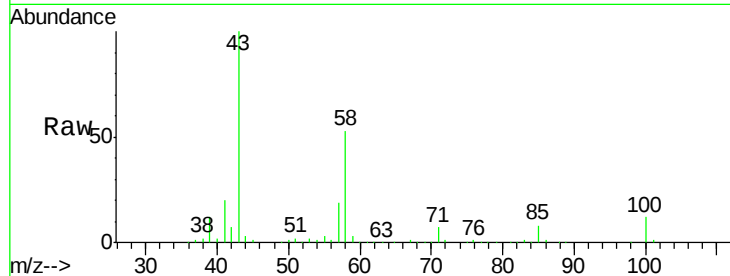




#59
2-Hexanone
Concen: 110.485 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

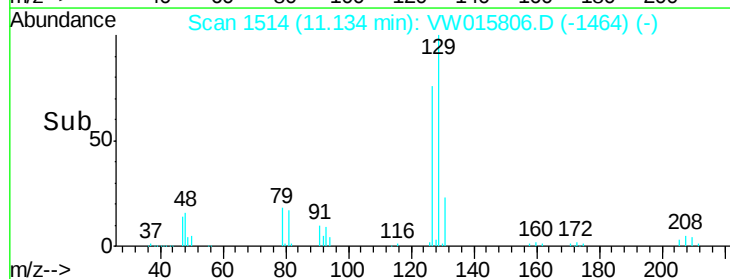
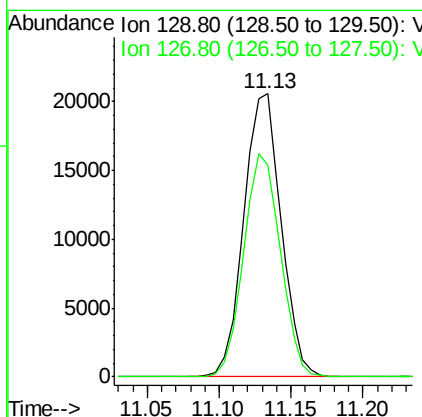
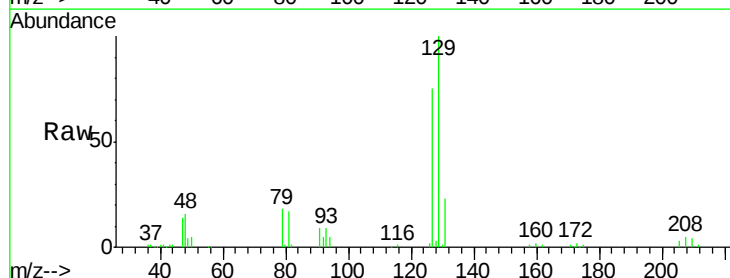
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

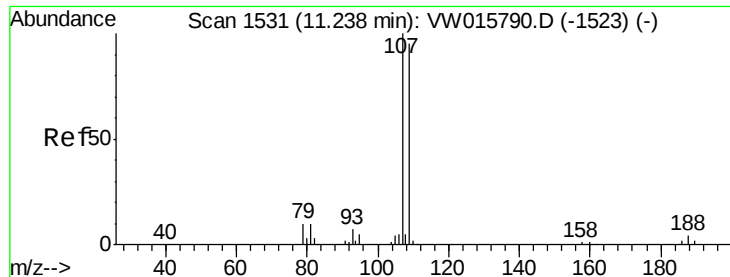
Tot Ion: 43 Resp: 87241
Ion Ratio Lower Upper
43 100
58 52.3 26.2 78.5



#60
Dibromochloromethane
Concen: 20.803 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion: 129 Resp: 36919
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.1

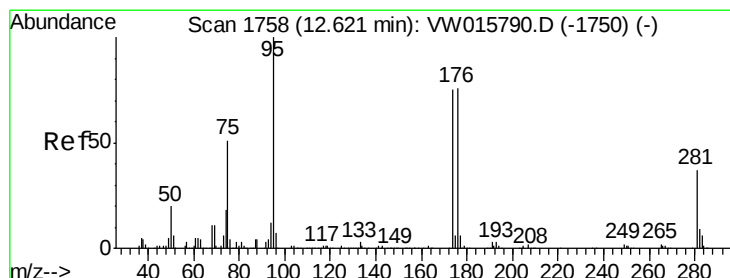
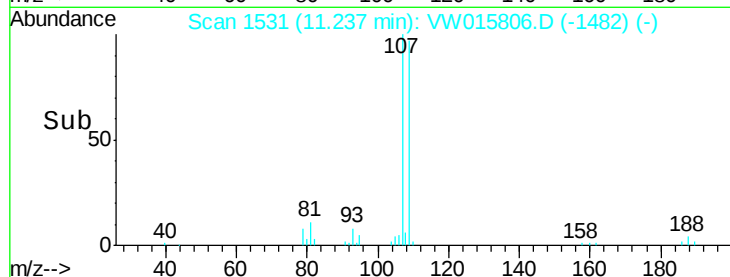
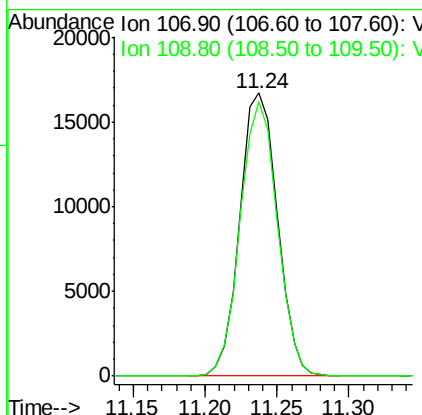
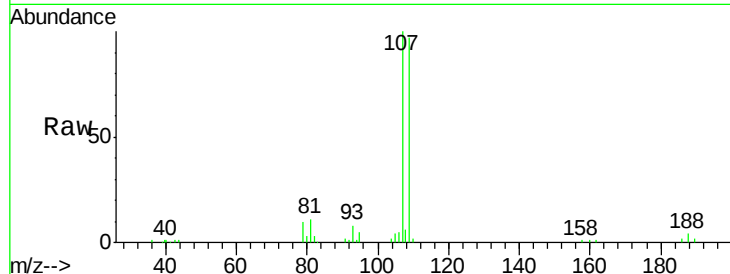




#61
 1,2-Dibromoethane
 Concen: 20.541 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

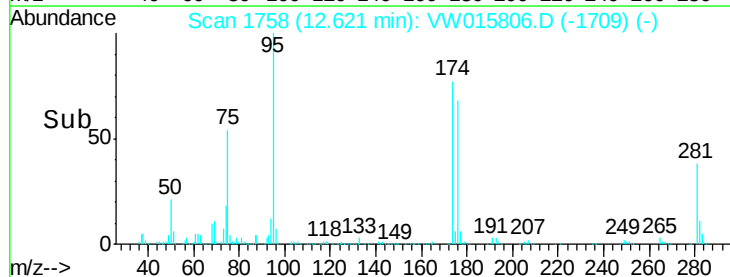
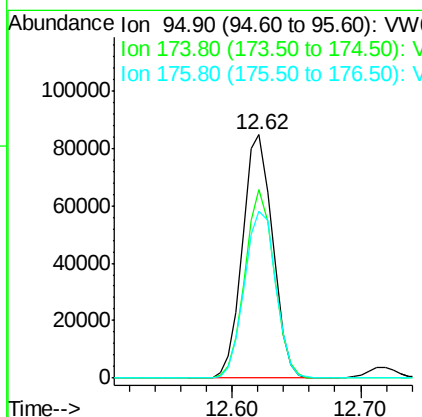
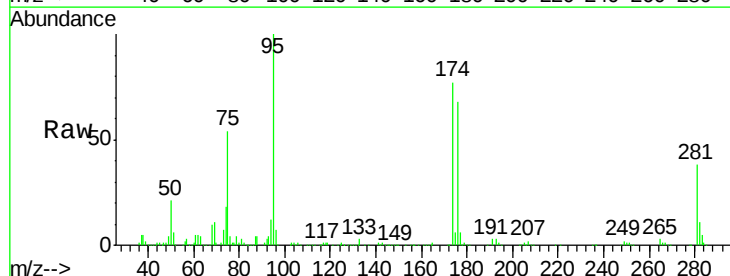
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion: 107 Resp: 30202
 Ion Ratio Lower Upper
 107 100
 109 96.0 77.0 115.6



#62
 4-Bromofluorobenzene
 Concen: 51.313 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion: 95 Resp: 136847
 Ion Ratio Lower Upper
 95 100
 174 75.1 0.0 150.2
 176 71.1 0.0 148.4

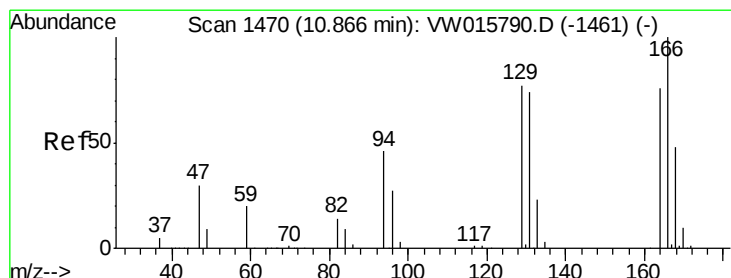
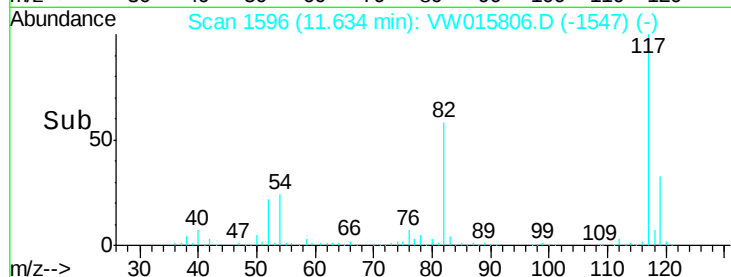
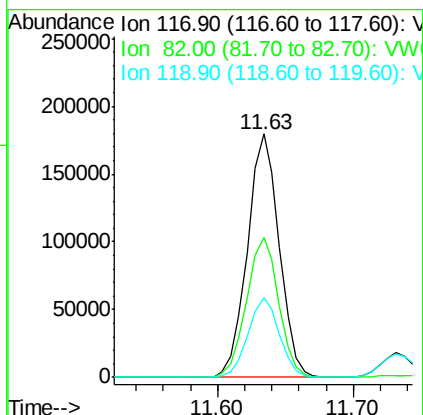
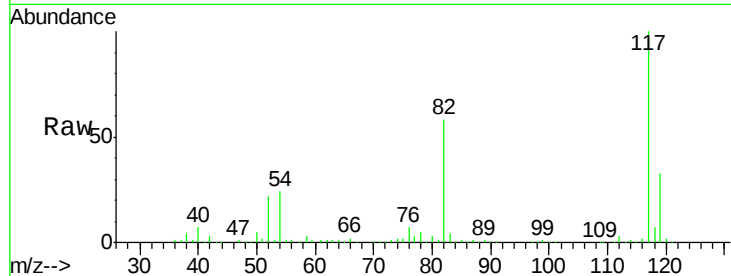




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

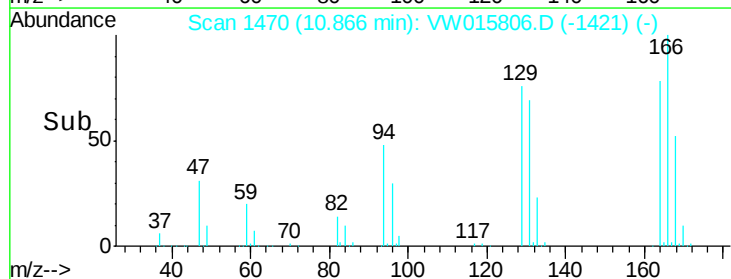
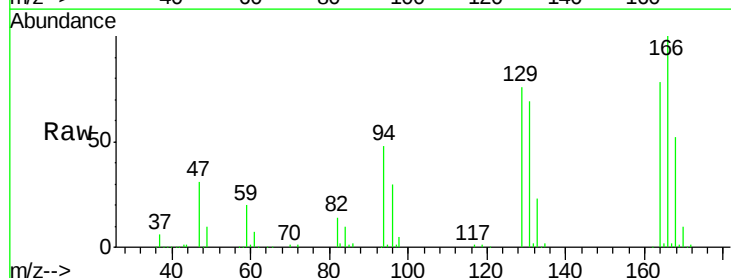
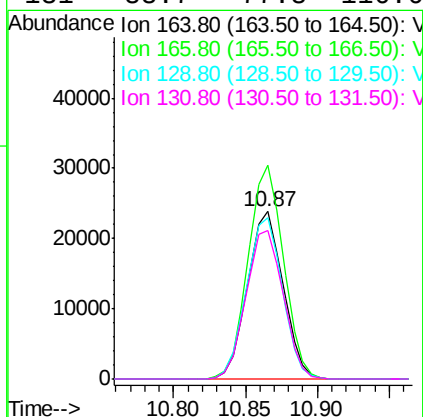
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

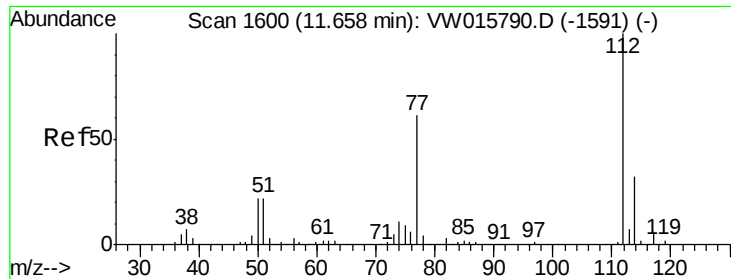
Tot Ion:117 Resp: 293385
Ion Ratio Lower Upper
117 100
82 57.7 45.5 68.3
119 33.0 25.0 37.6



#64
Tetrachloroethene
Concen: 21.901 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion:164 Resp: 40662
Ion Ratio Lower Upper
164 100
166 127.8 105.1 157.7
129 96.6 80.6 121.0
131 88.7 77.8 116.6





#65

Chlorobenzene

Concen: 21.689 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

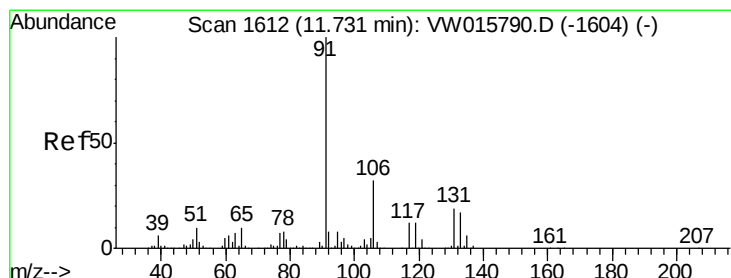
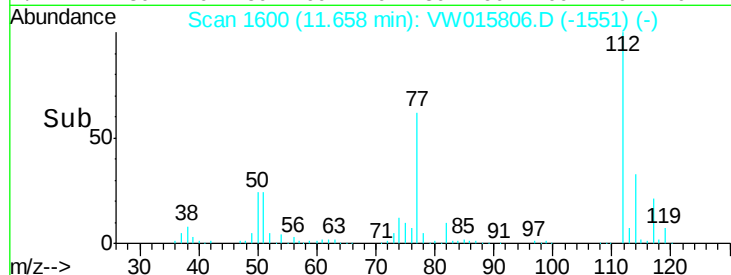
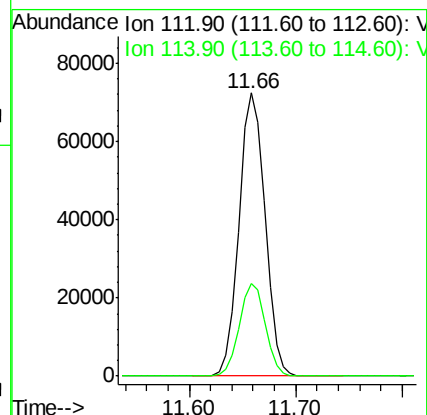
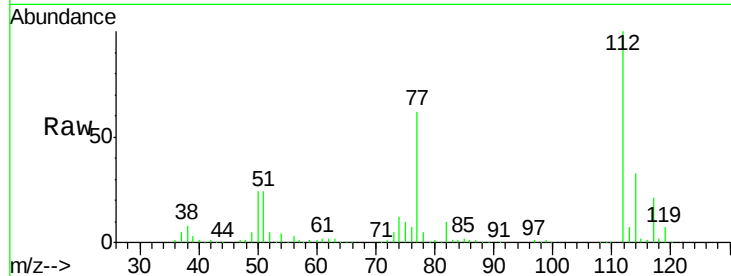
VW0708SBS01

Tot Ion:112 Resp: 124440

Ion Ratio Lower Upper

112 100

114 32.9 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 21.340 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

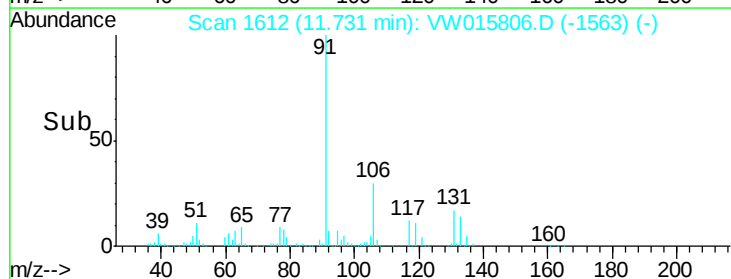
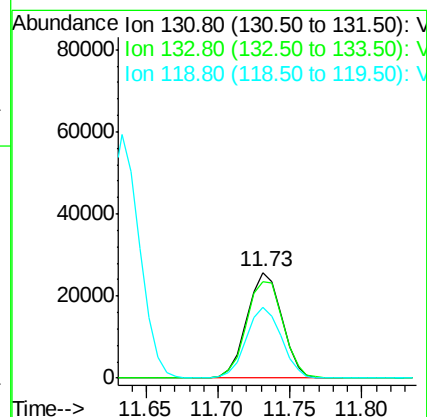
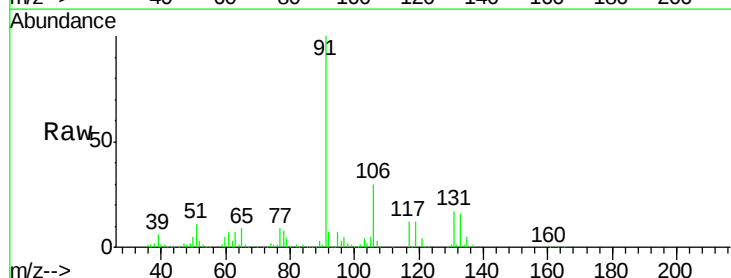
Tgt Ion:131 Resp: 43328

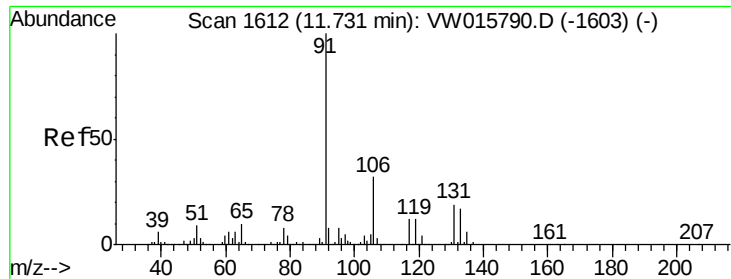
Ion Ratio Lower Upper

131 100

133 96.2 47.0 141.2

119 66.9 32.3 96.8

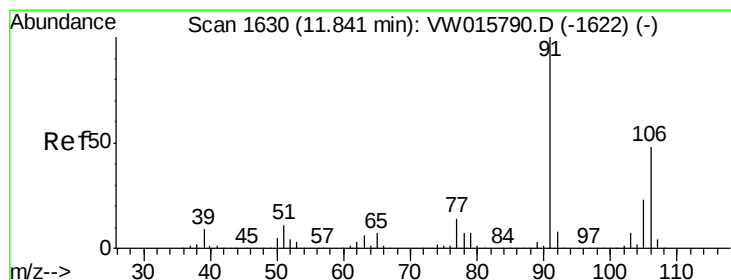
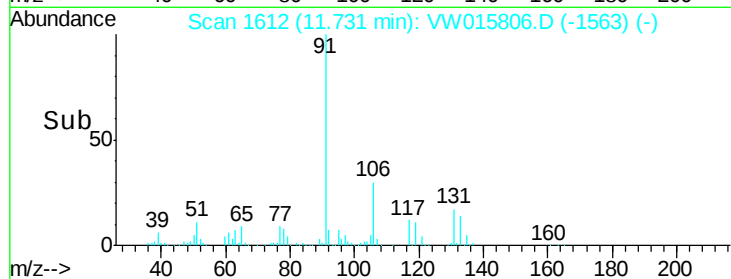
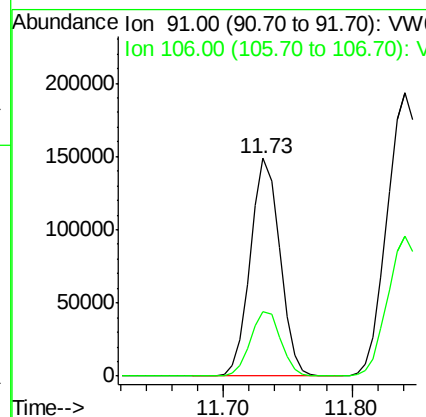
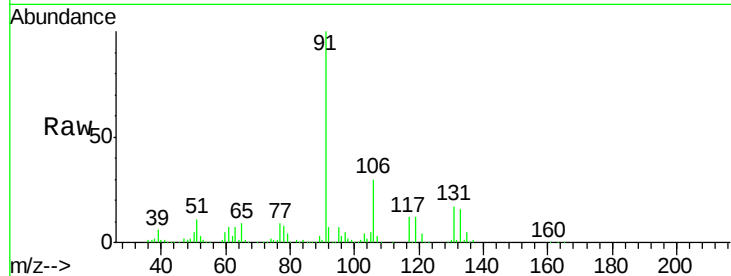




#67
Ethyl Benzene
Concen: 22.128 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

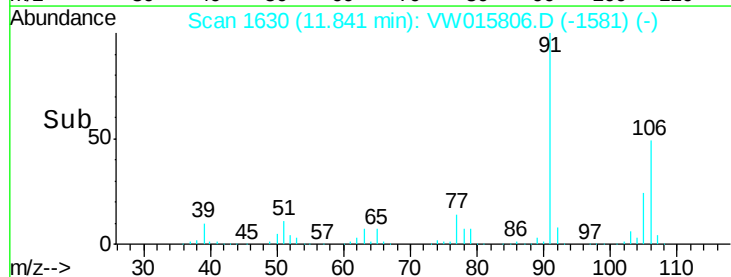
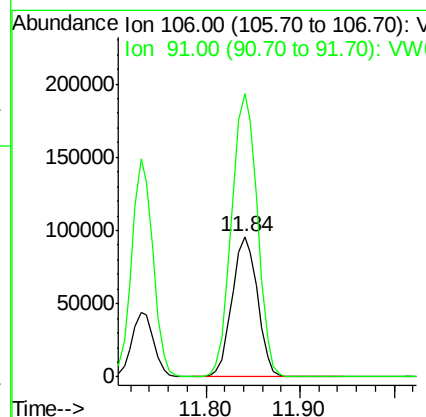
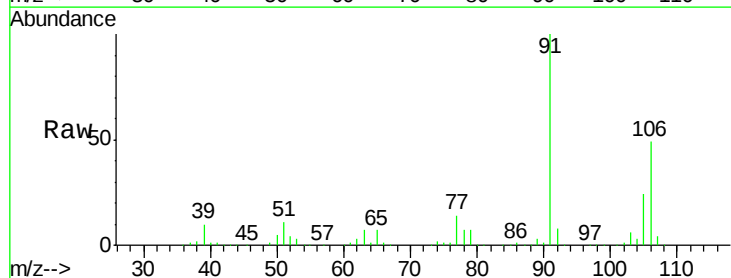
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

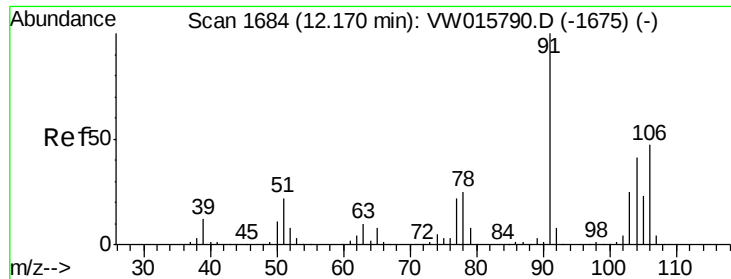
Tot Ion: 91 Resp: 235109
Ion Ratio Lower Upper
91 100
106 29.7 25.8 38.8



#68
m/p-Xylenes
Concen: 44.843 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion:106 Resp: 178980
Ion Ratio Lower Upper
106 100
91 204.6 164.1 246.1

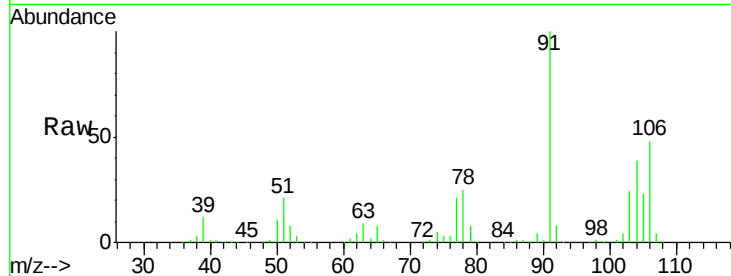




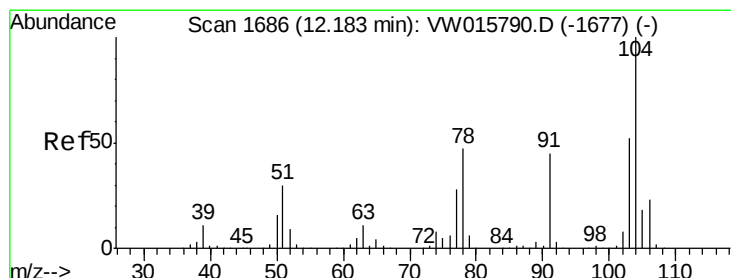
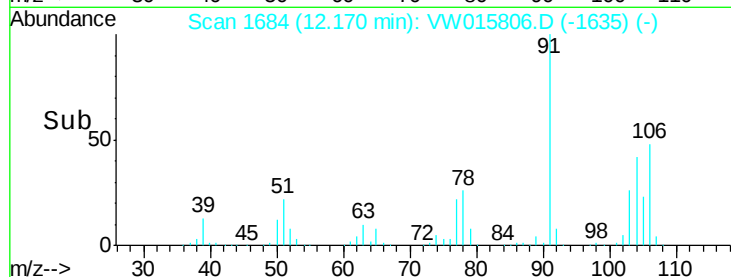
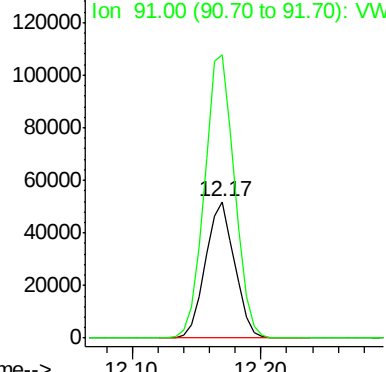
#69
o-Xylene
Concen: 22.251 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBSD01

Tot Ion:106 Resp: 81066
Ion Ratio Lower Upper
106 100
91 214.5 108.5 325.3

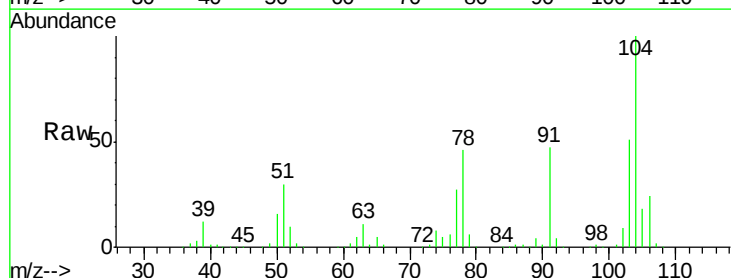


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

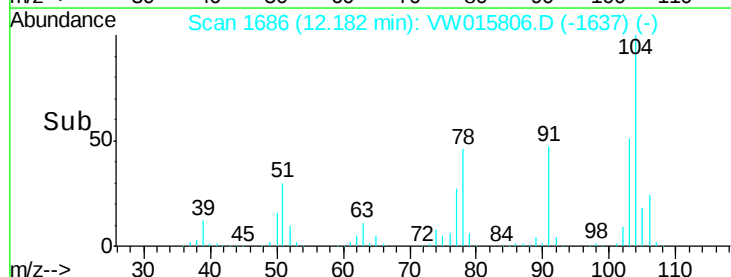
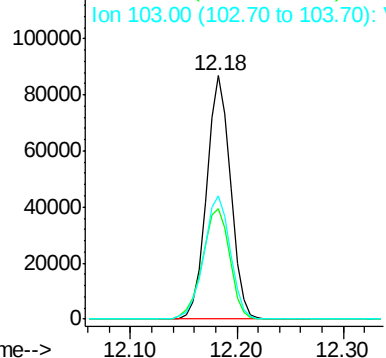


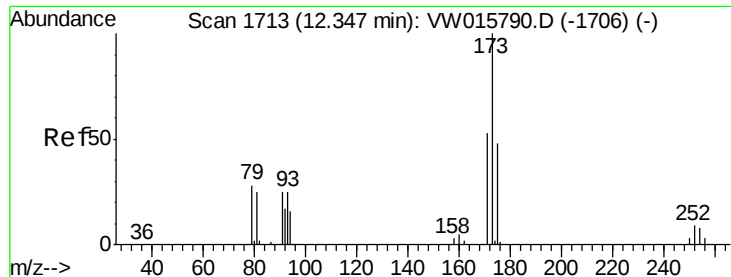
#70
Styrene
Concen: 21.986 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion:104 Resp: 137824
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.4
103 55.5 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.875 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBSD01

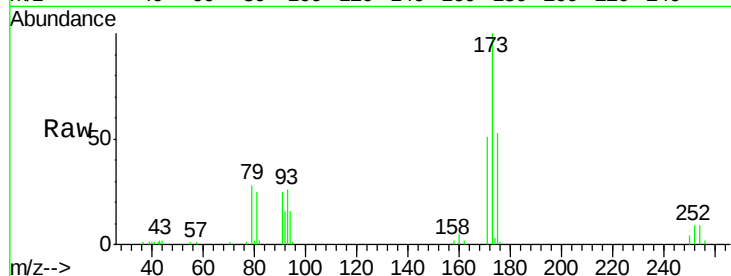
Tot Ion:173 Resp: 19346

Ion Ratio Lower Upper

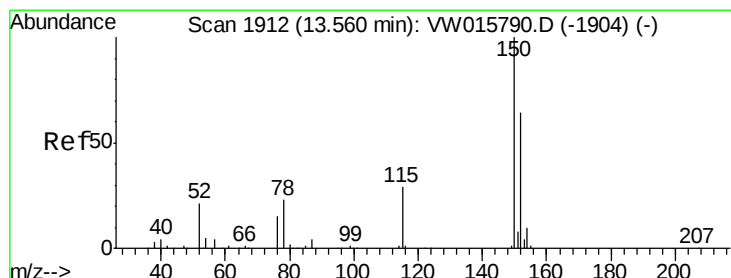
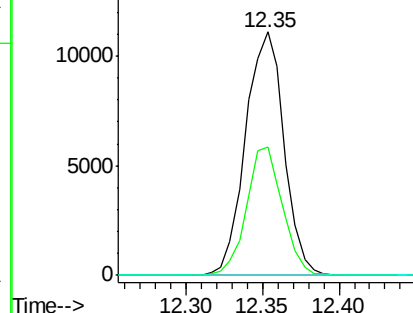
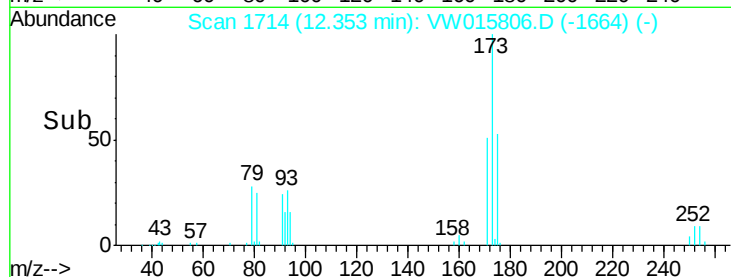
173 100

175 49.5 23.5 70.5

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

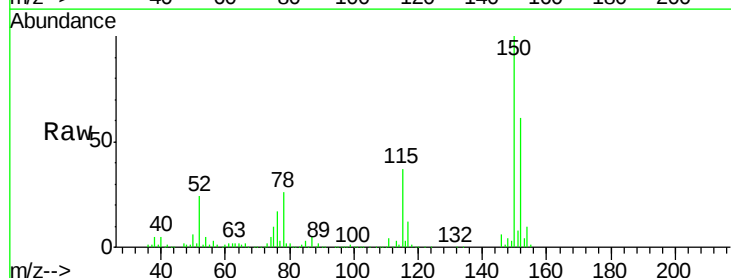
Tgt Ion:152 Resp: 151639

Ion Ratio Lower Upper

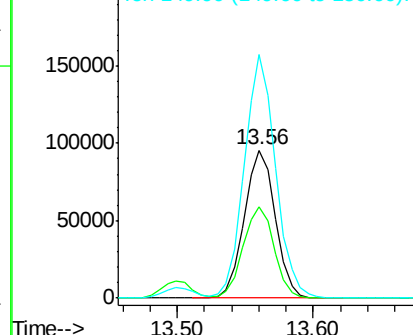
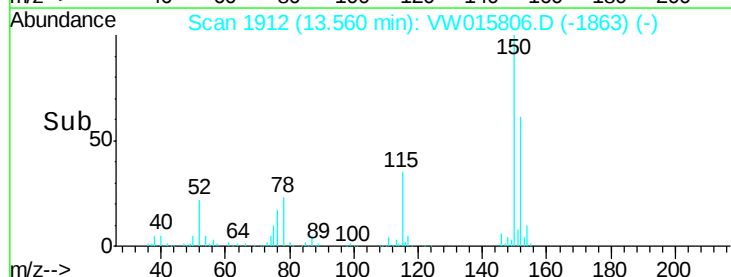
152 100

115 61.8 29.9 89.7

150 165.9 0.0 350.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.463 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

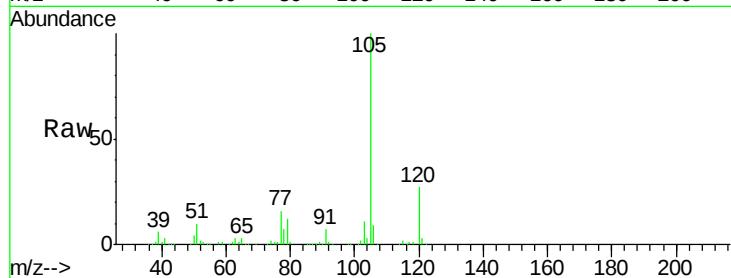
VW0708SBS01

Tot Ion:105 Resp: 229289

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

50000

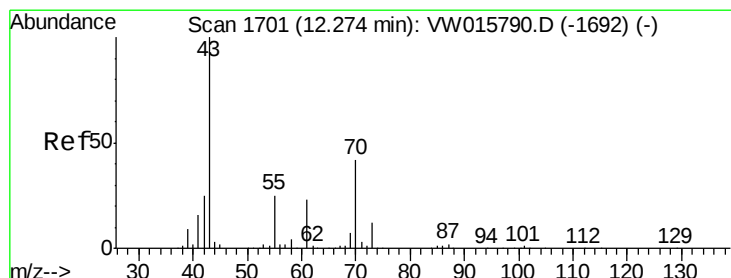
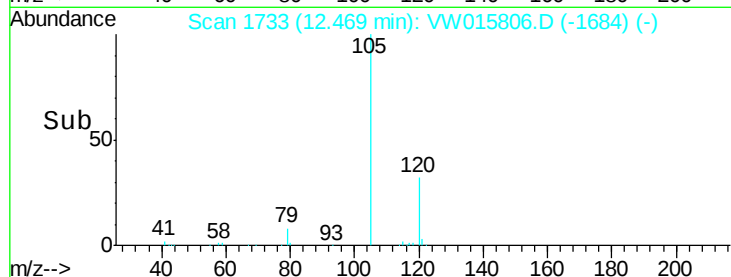
0

12.47

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 20.935 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Tgt Ion: 43 Resp: 47848

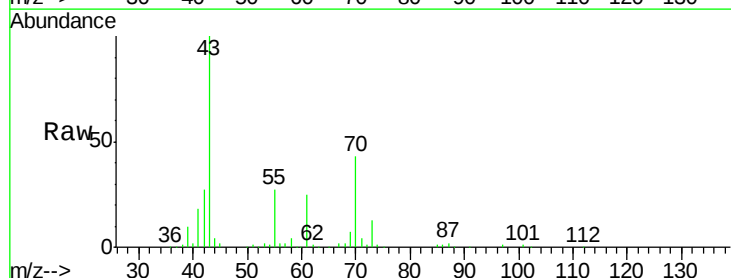
Ion Ratio Lower Upper

43 100

70 42.8 34.1 51.1

55 25.9 20.0 30.0

61 23.4 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

40000

30000

20000

10000

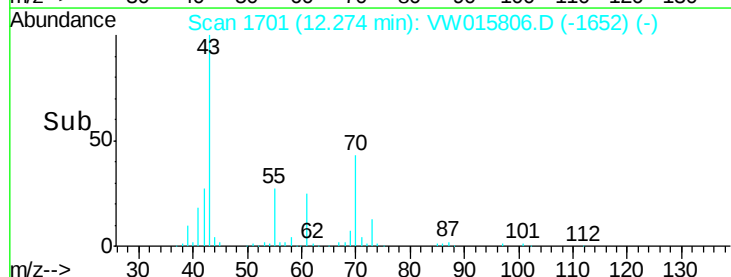
0

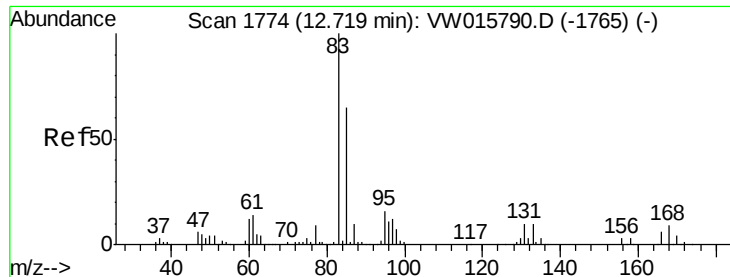
12.27

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.652 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

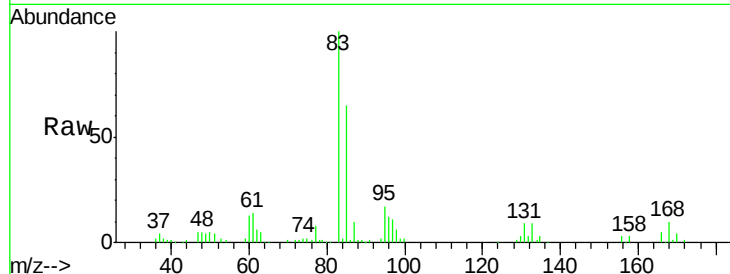
Tot Ion: 83 Resp: 36659

Ion Ratio Lower Upper

83 100

131 10.2 5.3 16.1

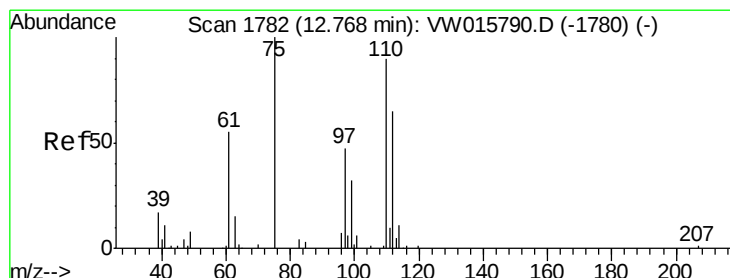
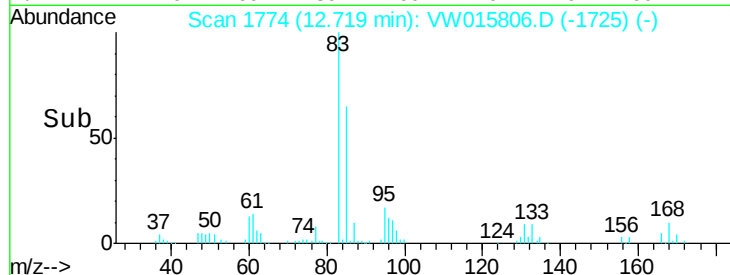
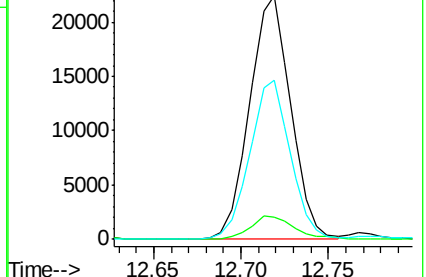
85 64.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 35.486 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015806.D

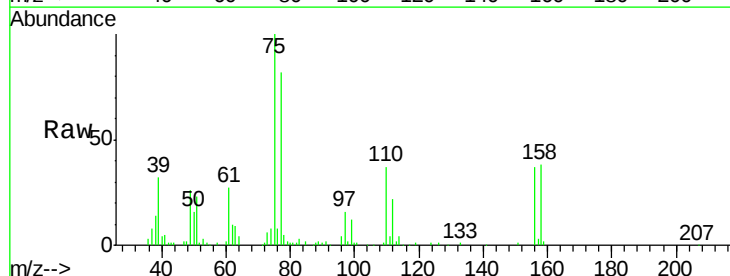
Acq: 08 Jul 2020 13:39

Tgt Ion: 75 Resp: 47293

Ion Ratio Lower Upper

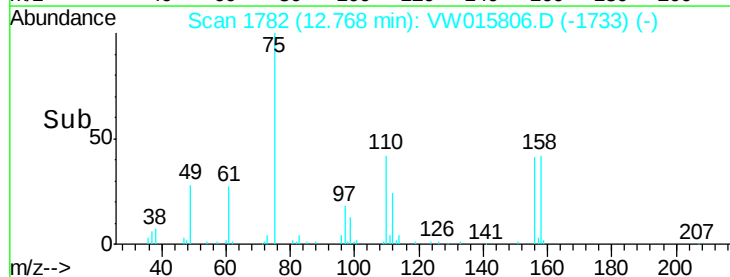
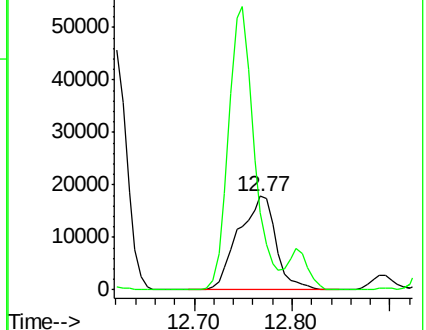
75 100

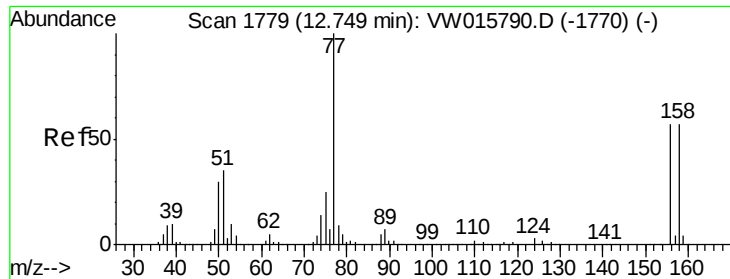
77 208.7 177.3 532.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.047 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

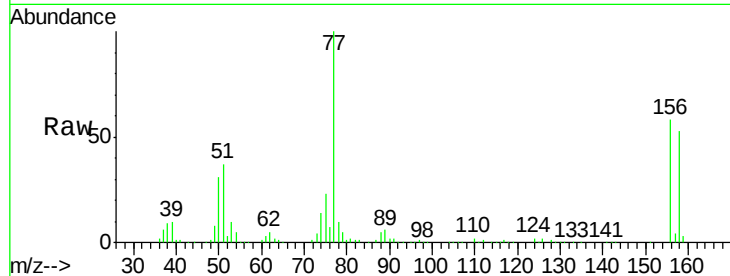
Tot Ion:156 Resp: 50416

Ion Ratio Lower Upper

156 100

77 195.8 98.8 296.4

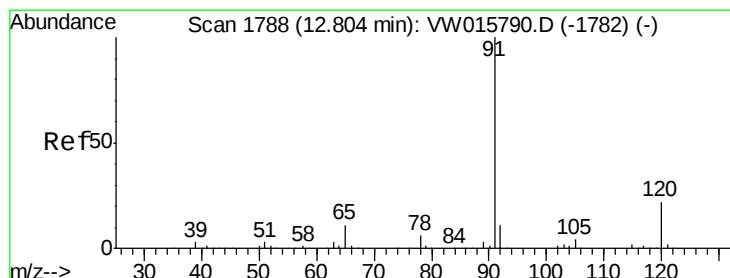
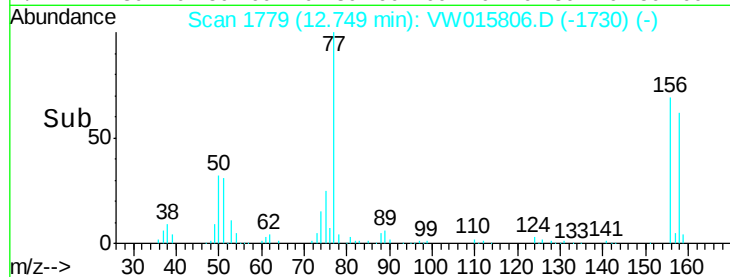
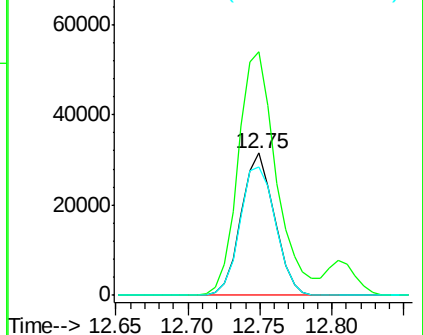
158 97.0 50.0 149.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.786 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015806.D

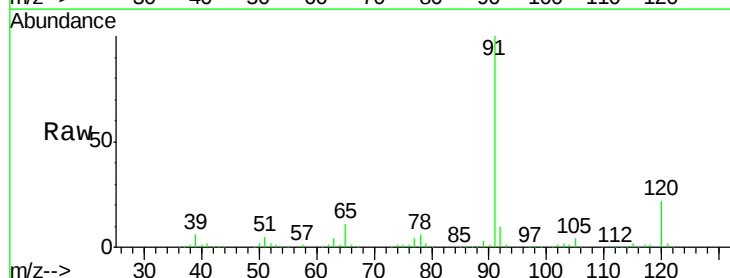
Acq: 08 Jul 2020 13:39

Tgt Ion: 91 Resp: 282490

Ion Ratio Lower Upper

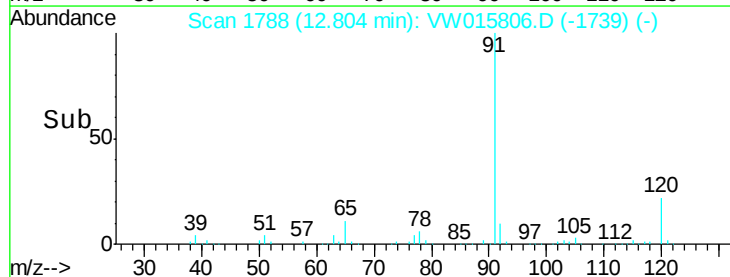
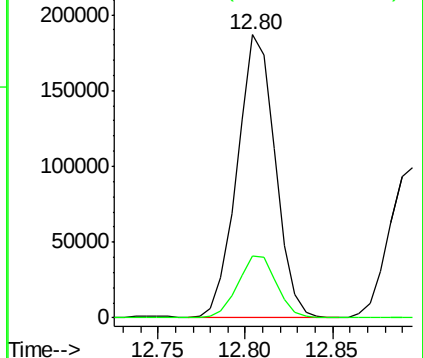
91 100

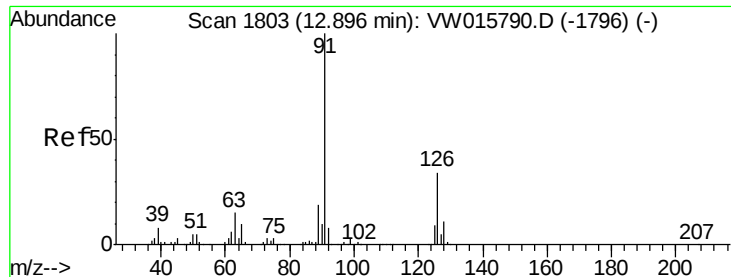
120 22.4 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.544 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

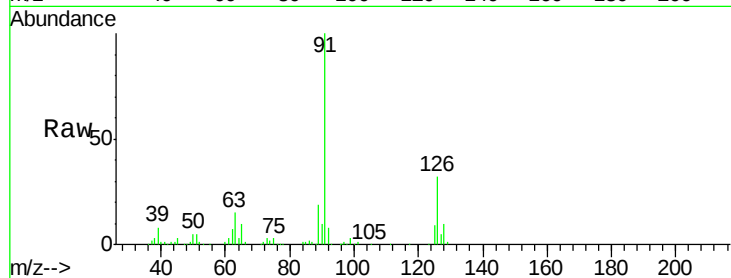
VW0708SBS01

Tot Ion: 91 Resp: 159307

Ion Ratio Lower Upper

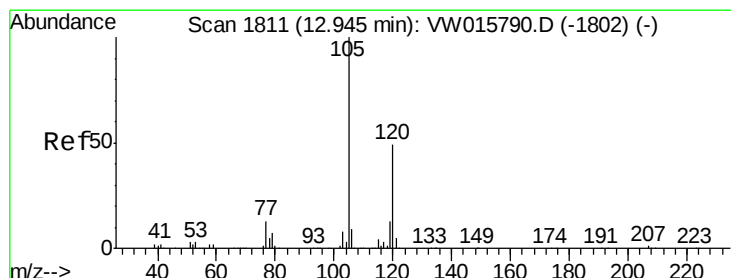
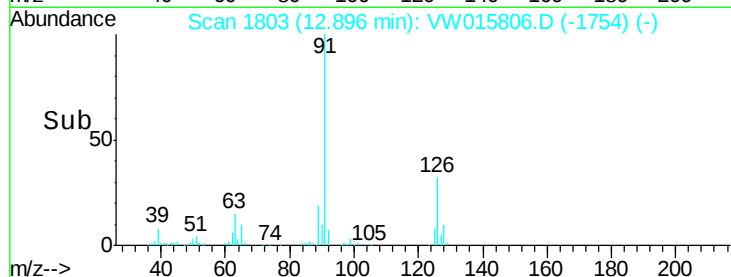
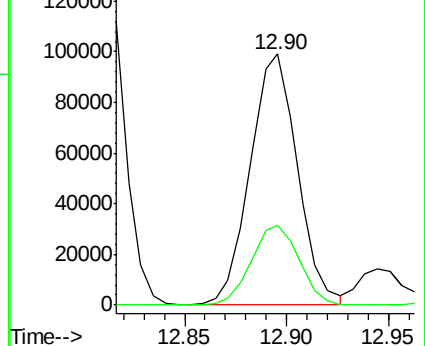
91 100

126 32.4 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.002 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015806.D

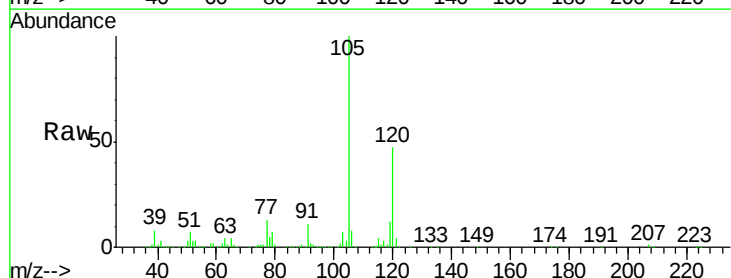
Acq: 08 Jul 2020 13:39

Tgt Ion:105 Resp: 200330

Ion Ratio Lower Upper

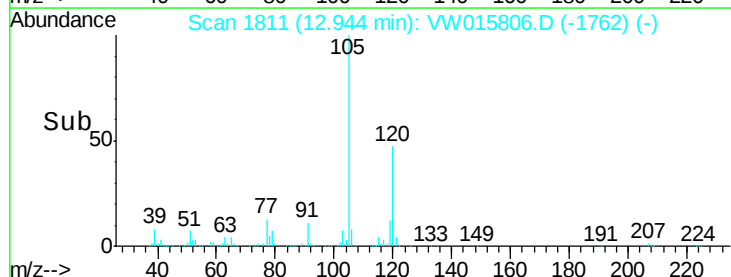
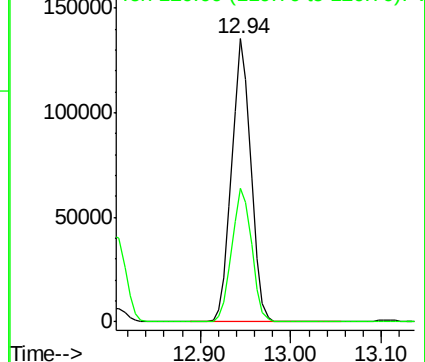
105 100

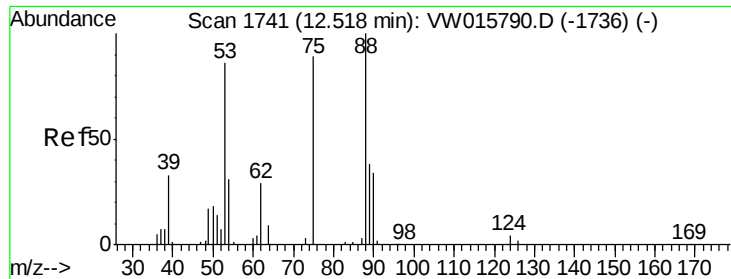
120 48.7 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

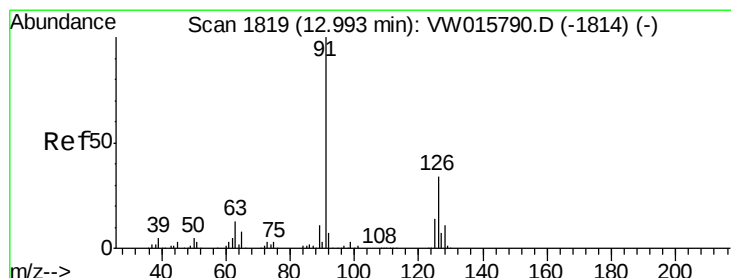
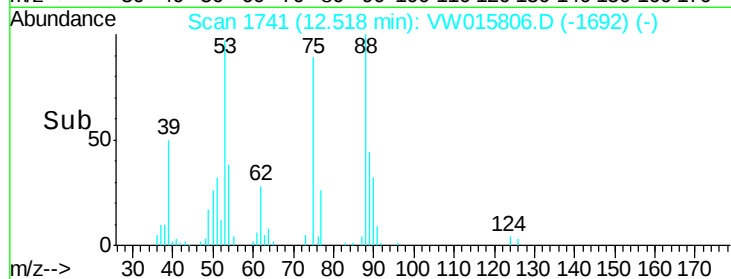
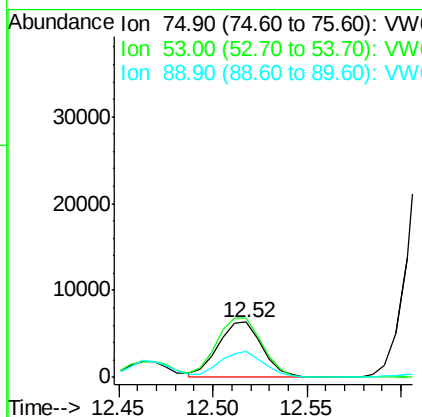
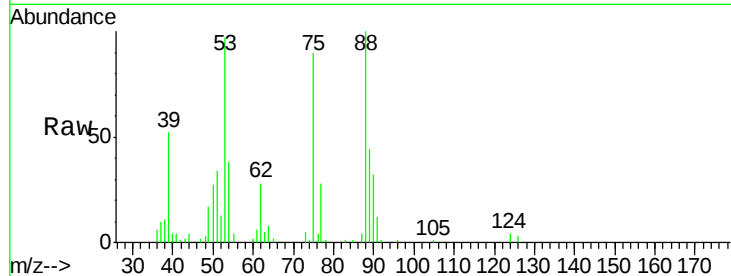




#81
trans-1,4-Dichloro-2-butene
Concen: 20.170 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

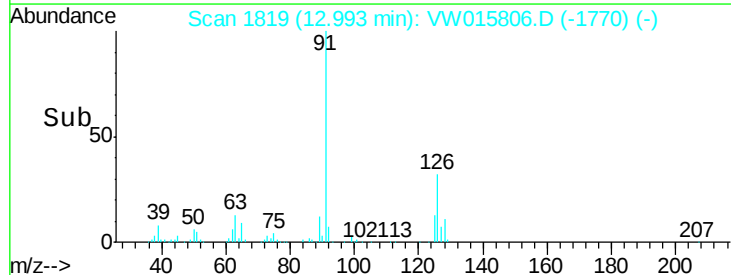
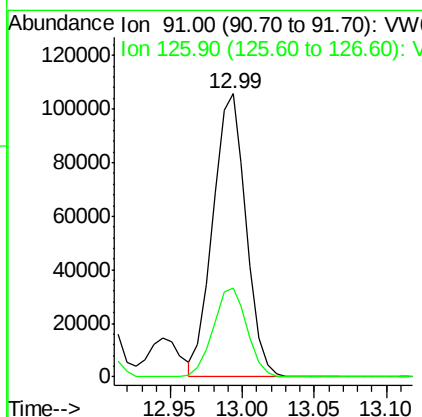
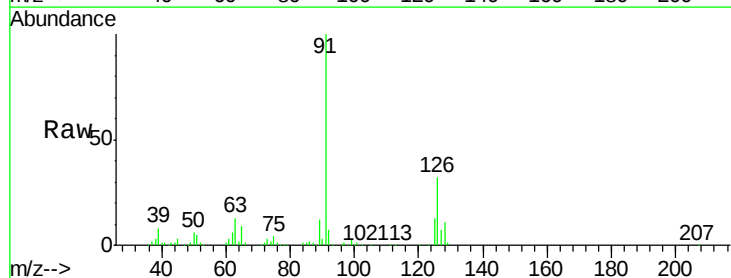
Instrument :
MSVOA_W
ClientSampled :
VW0708SBSD01

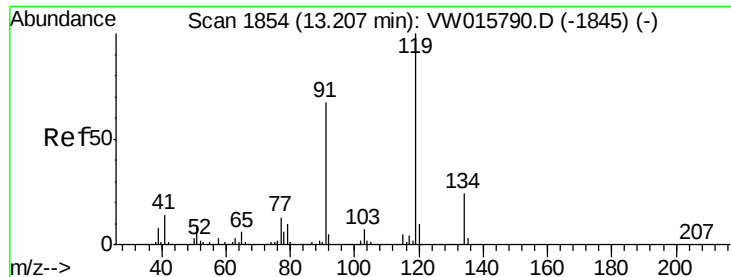
Tot Ion: 75 Resp: 10446
Ion Ratio Lower Upper
75 100
53 111.1 85.9 128.9
89 45.2 36.2 54.4



#82
4-Chlorotoluene
Concen: 21.925 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion: 91 Resp: 169301
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.9

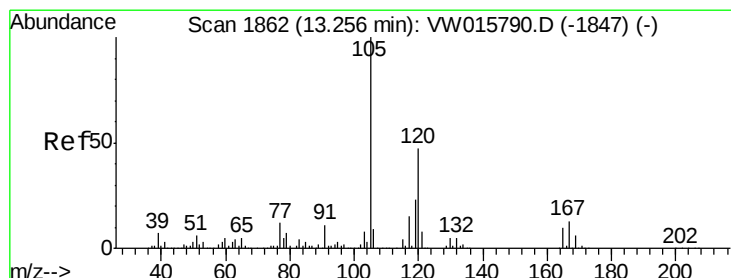
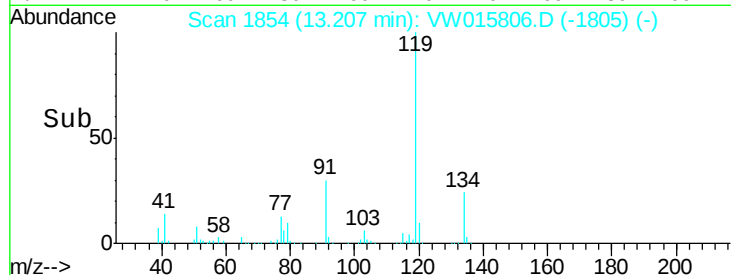
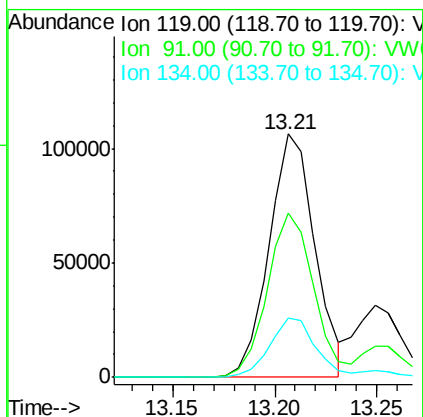
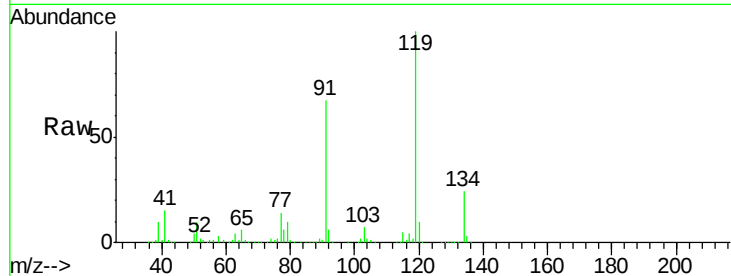




#83
tert-Butylbenzene
Concen: 22.045 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

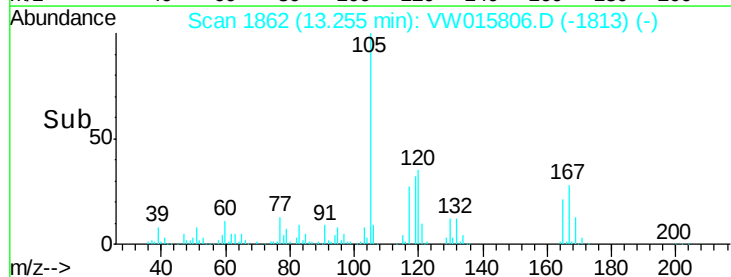
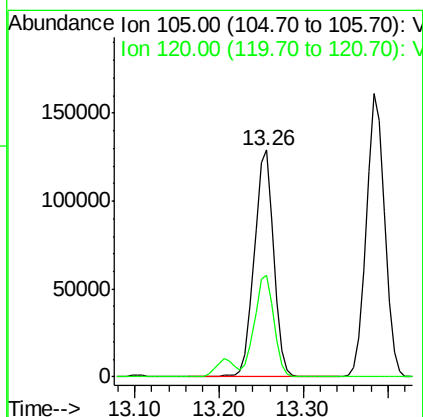
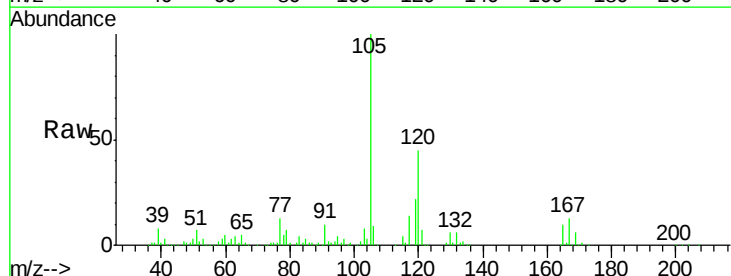
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

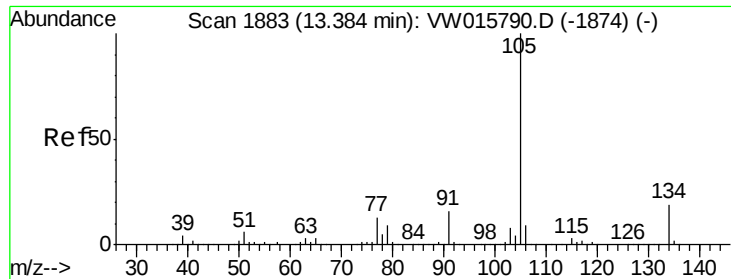
Tot Ion:119 Resp: 166636
Ion Ratio Lower Upper
119 100
91 68.7 34.4 103.3
134 24.2 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 22.071 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion:105 Resp: 200687
Ion Ratio Lower Upper
105 100
120 44.9 22.8 68.4

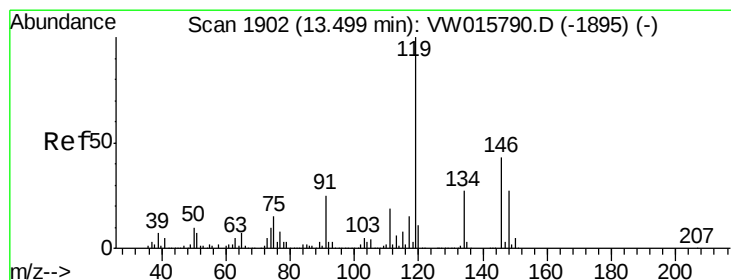
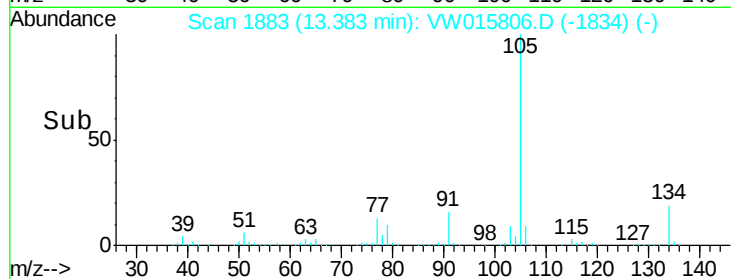
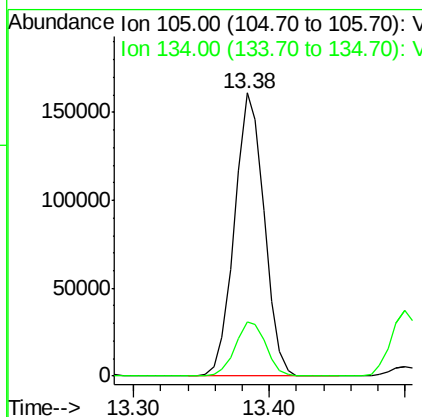
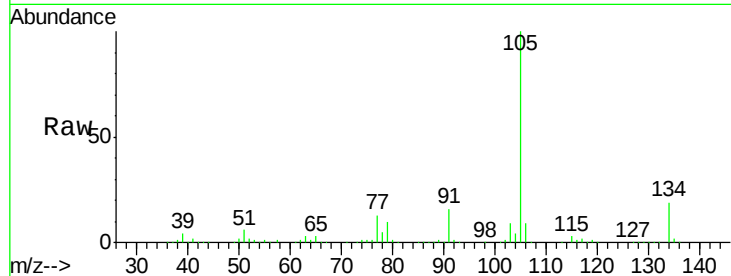




#85
 sec-Butylbenzene
 Concen: 22.410 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

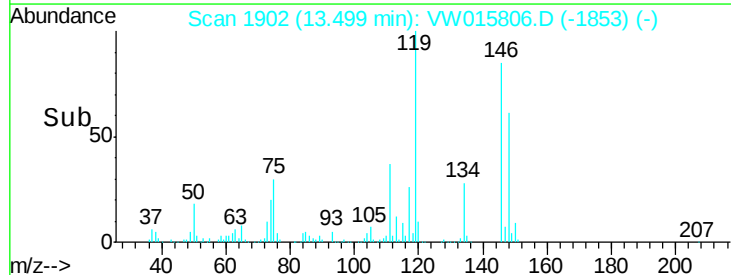
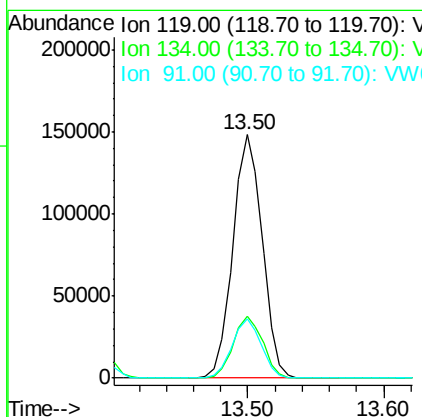
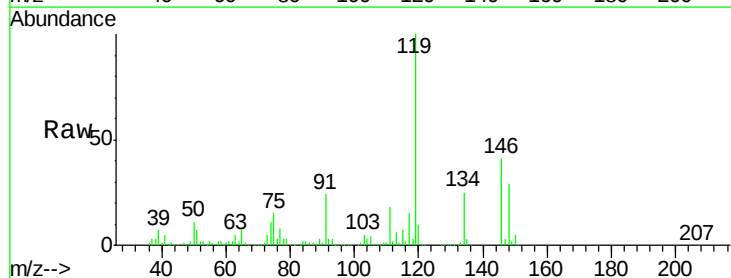
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

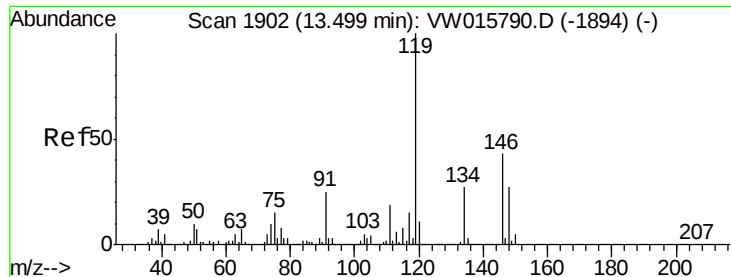
Tot Ion:105 Resp: 244639
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 22.241 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion:119 Resp: 221710
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.6
 91 24.3 12.2 36.6

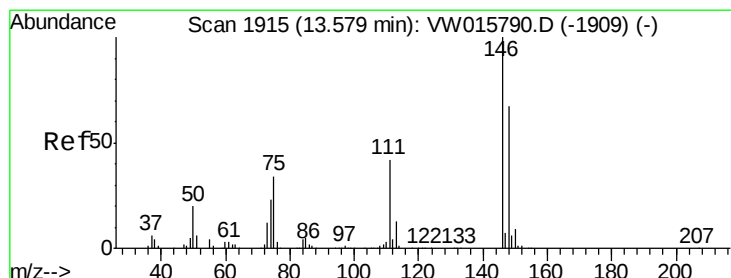
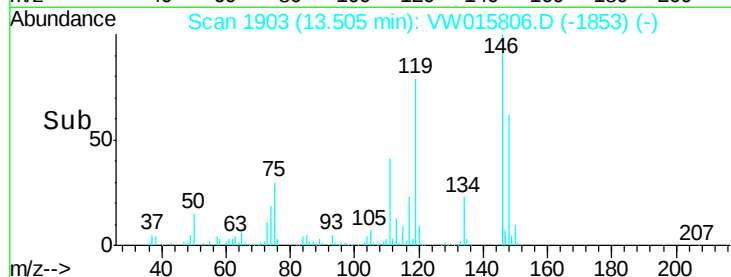
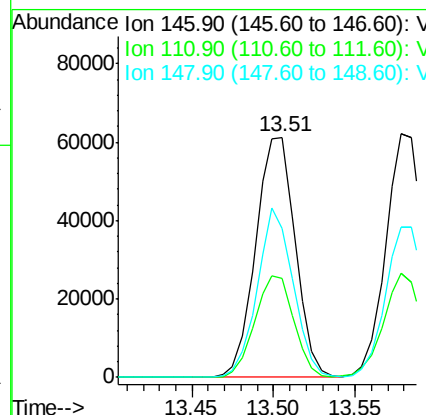
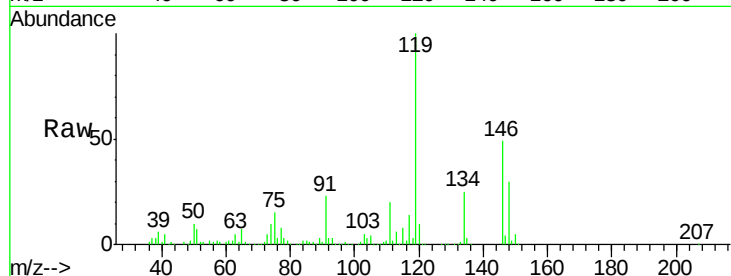




#87
 1,3-Dichlorobenzene
 Concen: 21.524 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

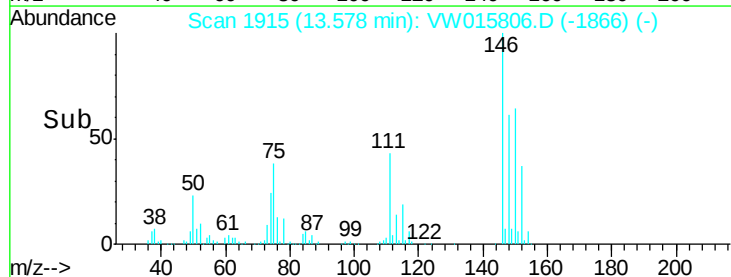
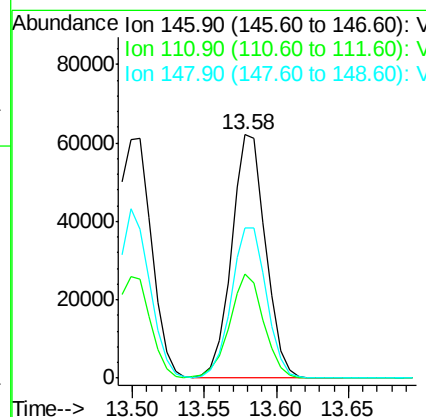
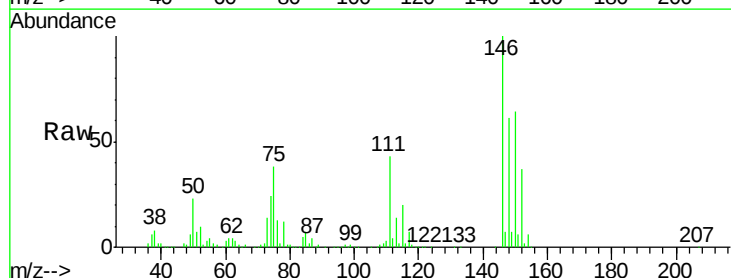
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

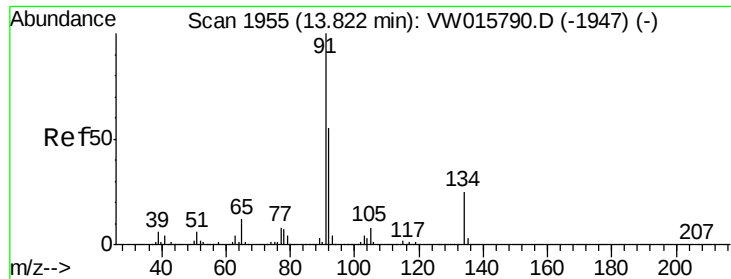
Tot Ion:146 Resp: 103353
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.8 62.4
 148 64.2 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 21.772 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion:146 Resp: 102344
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.2 60.6
 148 63.7 31.8 95.4

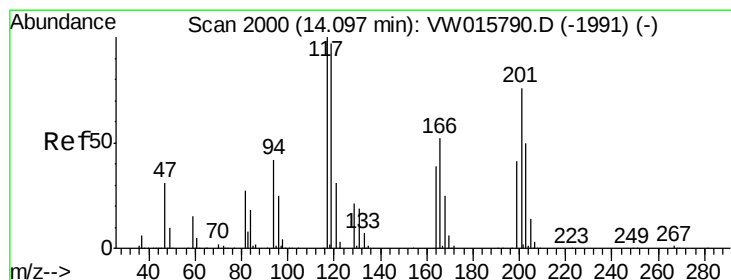
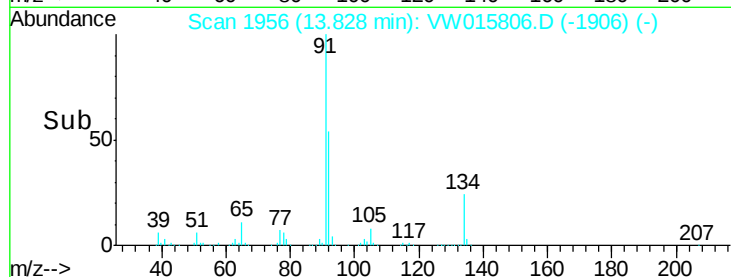
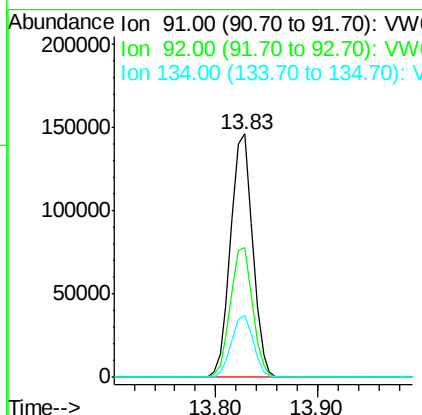
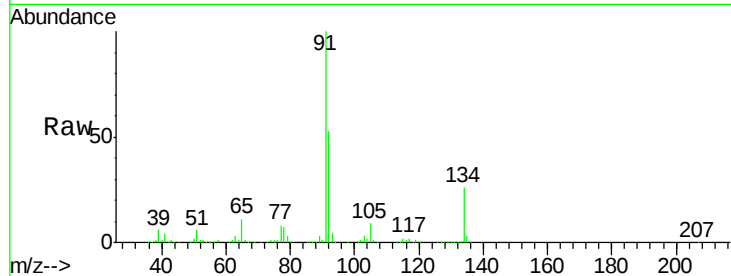




#89
n-Butylbenzene
Concen: 22.801 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

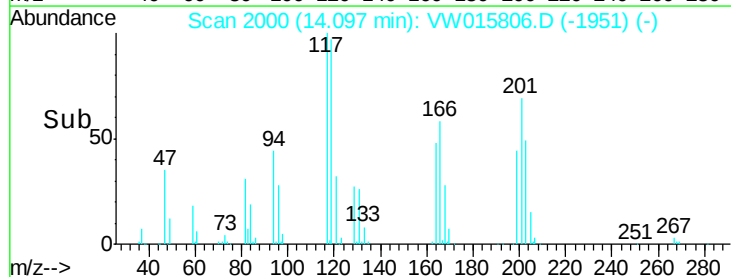
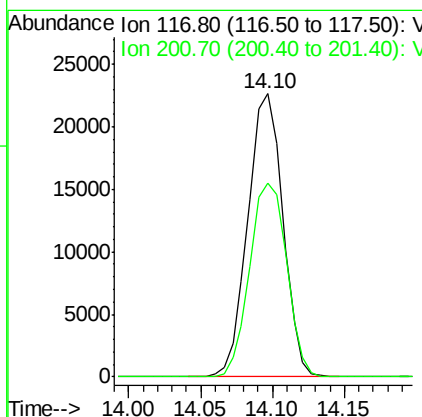
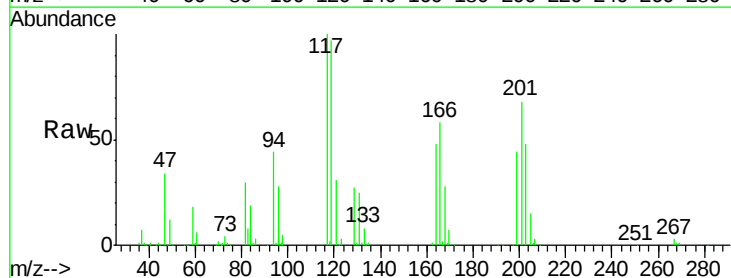
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

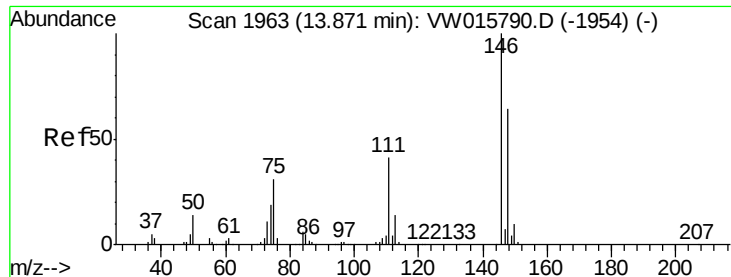
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.2	81.6
134	25.5	12.7	38.1



#90
Hexachloroethane
Concen: 21.100 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.4	37.1	111.3





#91

1,2-Dichlorobenzene

Concen: 21.630 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBSD01

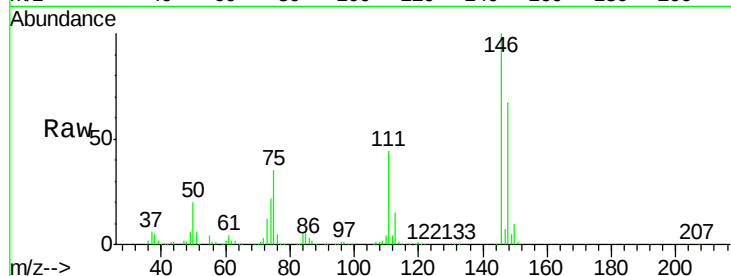
Tot Ion:146 Resp: 89980

Ion Ratio Lower Upper

146 100

111 42.7 20.6 61.9

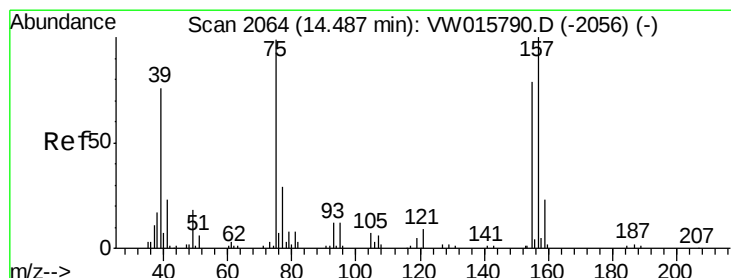
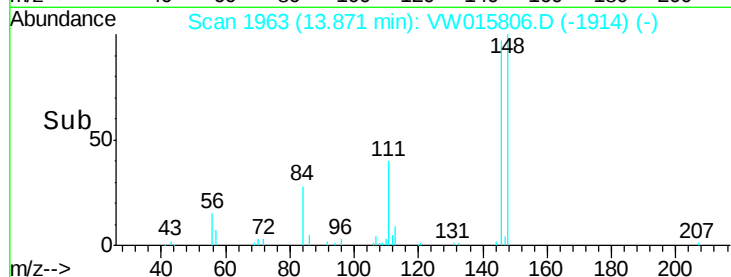
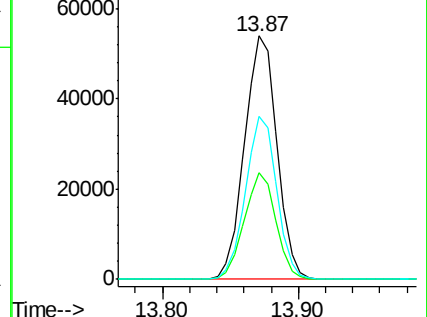
148 64.5 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.235 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

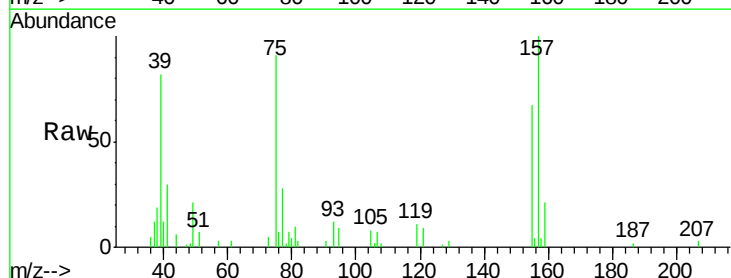
Tgt Ion: 75 Resp: 5739

Ion Ratio Lower Upper

75 100

155 80.1 39.1 117.5

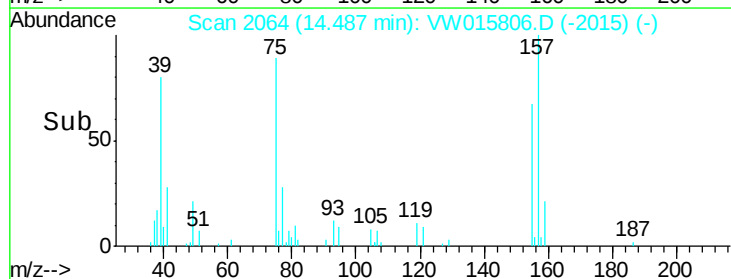
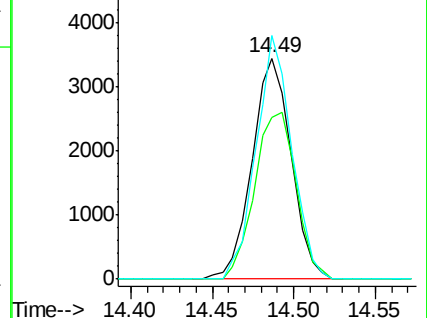
157 100.3 49.1 147.4

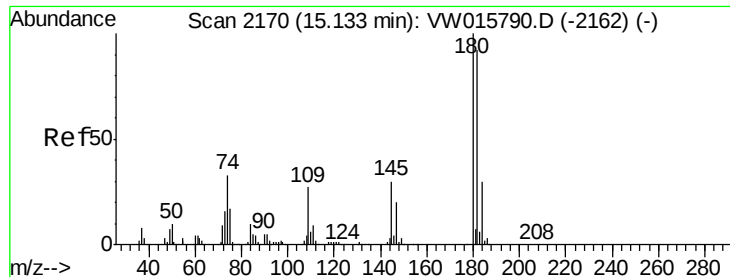


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

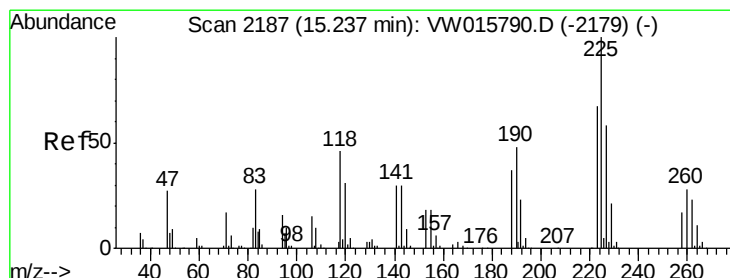
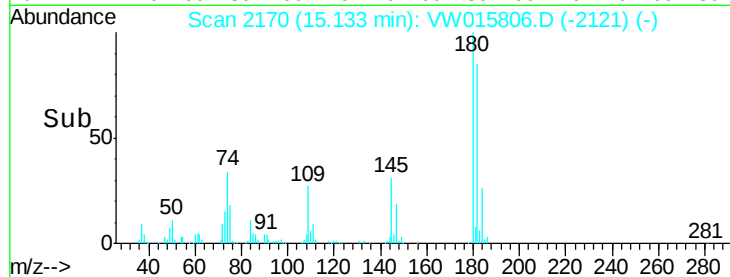
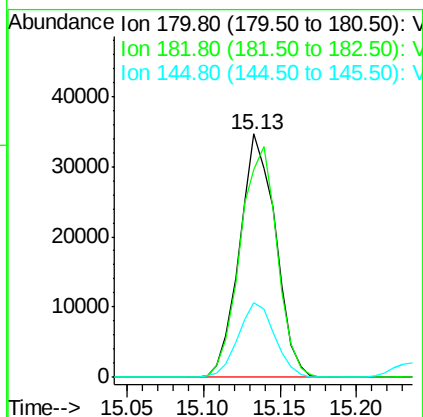
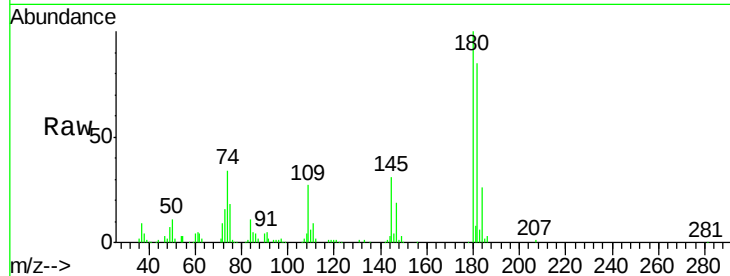




#93
 1,2,4-Trichlorobenzene
 Concen: 21.664 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

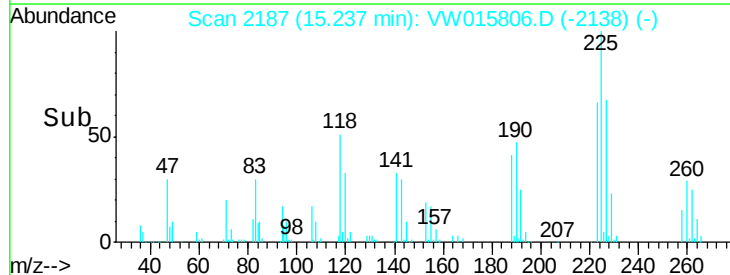
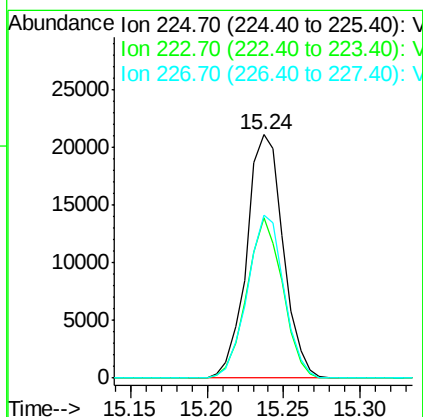
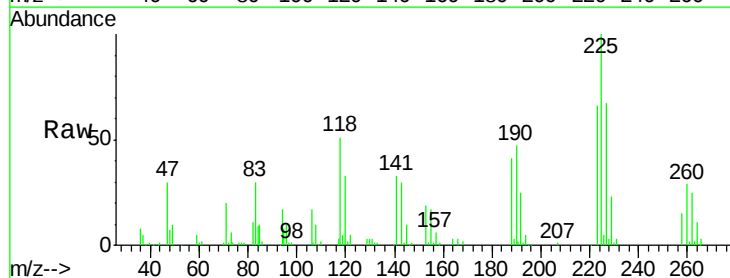
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBSD01

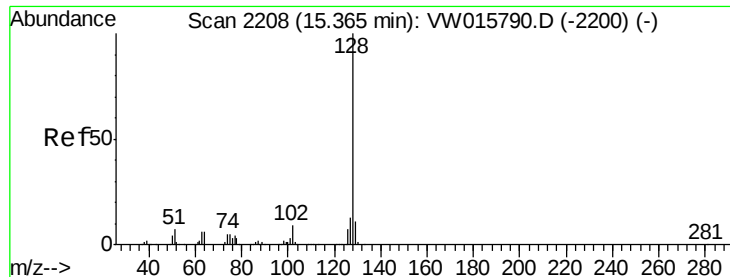
Tot Ion:180 Resp: 56818
 Ion Ratio Lower Upper
 180 100
 182 97.1 46.8 140.3
 145 31.3 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 21.027 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion:225 Resp: 35013
 Ion Ratio Lower Upper
 225 100
 223 64.4 32.4 97.2
 227 66.7 30.7 92.1

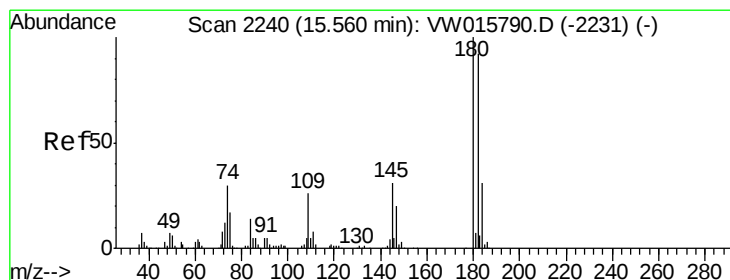
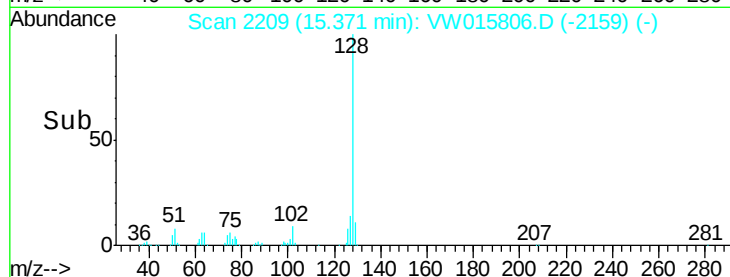
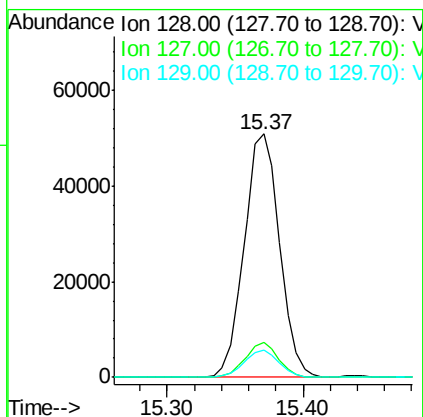
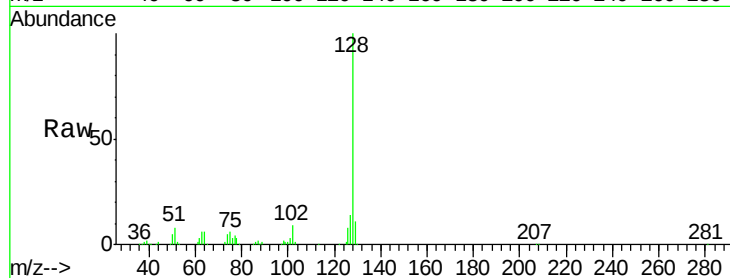




#95
Naphthalene
Concen: 20.689 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBSD01

Tot Ion:128 Resp: 92801
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.805 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion:180 Resp: 48661
Ion Ratio Lower Upper
180 100
182 94.0 47.7 143.1
145 32.6 16.7 50.0

